

WELL NAME: Green #1
COMPANY: Kenneth S. White
LOCATION: 33-26S-12W
Pratt County, Kansas
DATE: 12/16/97

TRILOBITE TESTING L.L.C.

OPERATOR : Kenneth S. White

DATE 12-05-97

WELL NAME: Green #1

KB 1907.00 ft

TICKET NO: 10583

DST #1

LOCATION : 33-26S-12W Pratt Co. KS

GR 1902.00 ft

FORMATION: Herrington

INTERVAL : 1930.00 To 1975.00 ft

TD 1975.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10248	10248	3030			PF Fr. 2304 to 2334 hr
SI 30 Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 2334 to 0004 hr
SF 45 Clock(hrs)	12hr.	12hr.	Batt.			SF Fr. 0004 to 0049 hr
FS 60 Depth(ft)	1972.0	1972.0	1942.0	0.0	0.0	FS Fr. 0049 to 0149 hr

	Field	1	2	3	4	
A. Init Hydro	914.0	948.0	919.0	0.0	0.0	T STARTED 2152 hr
B. First Flow	30.0	44.0	20.0	0.0	0.0	T ON BOTM 2255 hr
B1. Final Flow	32.0	48.0	24.0	0.0	0.0	T OPEN 2304 hr
C. In Shut-in	234.0	244.0	243.0	0.0	0.0	T PULLED 0153 hr
D. Init Flow	32.0	54.0	24.0	0.0	0.0	T OUT 0305 hr
E. Final Flow	39.0	54.0	31.0	0.0	0.0	
F. Fl Shut-in	424.0	429.0	425.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	903.0	918.0	908.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 58000.00 lbs
						Initial Str Wt 30000.00 lbs
						Unseated Str Wt 31000.00 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 1922.00 ft

RECOVERY

Tot Fluid 30.00 ft of 0.00 ft in DC and 30.00 ft in DP
 30.00 ft of Slightly Gassy Cut Mud 6%Gas 94%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
 0.00 ft of EST. FT. OF PAY-----12
 SALINITY 3500.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	8.90 lb/cf
Vis.	40.00 S/L
W.L.	7.20 in3
F.C.	0.20 in
Mud Drop N	

BLOW DESCRIPTION

Initial Flow: Weak blow. (1 - 1 1/2")

Initial Shutin: No blow.

Final Flow: Weak blow. (1 - 1 1/2")

Final Shutin: No blow.

Amt. of fill	3.00 ft
Btm. H. Temp.	82.00 F
Hole Condition	good
% Porosity	9.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Tom Robinson
Contr.	White & Ellis
Rig #	8
Unit #	
Pump T.	LCM trace

SAMPLES: none

SENT TO:Caraway / Liberal Ks

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Green #1	P.O. SUB	
LOCATION : 33-26S-12W Pratt Co. KS	C.O. SUB Top of tool @	1908
TICKET No. 10583 D.S.T. No. 1 DATE 12-05-97	S.I. TOOL Sterling	1914
TOTAL TOOL TO BOTTOM OF TOP PACKERS 22		
INTERVAL TOOL	HMV Sterling	1919
TOTAL PACKERS AND ANCHOR 14	JARS no	
TOTAL TOOL 36		
DRILL COLLAR ANCHOR IN INTERVAL		
C. ANCHOR STND.Stands Single Total	SAFETY JOINT Bowen	1921
P. ANCHOR STND.Stands Single 1 Total 31	PACKER Top	1925
TOTAL ASSEMBLY 67	PACKER Bottom	1930
C. ABOVE TOOLS.Stands Single Total	DEPTH 1930	
P. ABOVE TOOLS.Stands 23 Single Total 1922	STUBB 1'	1931
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 1989	ANCHOR	
	6' perfs to	1937
TOTAL DEPTH 1975	Alpine rec. @1942	
TOTAL DRILL PIPE ABOVE K.B. 14		
REMARKS:		
FLUID SAMPLER DATA (not run)		
AS-----	1 jt. pipe to	1968
IL----- ML.		
UD----- ML.		
ATER----- ML.	T.C.	
THER-----	DEPTH	
RESSURE----- PSI		
w----- OHMS @		
HLORIDES----- DEGREES F		
	2 ft. perfs to	1970
	AK-1 rec. @1972	
	BULLNOSE 5' Perforated to	1975
	T.D.	

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
 TEST: 10583 DST#1 GREEN#1 KENNETH S. WHITE
 DATE: 12/05/97 TIME: 21:52:36

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	68.50	918.7	0.0	79.20		
***** Start Flow 1	0.00	20.5	0.0	79.37		
	0.50	20.6	0.1	79.38		
	1.00	21.2	0.8	79.39		
	1.50	21.5	1.1	79.39		
	2.00	21.7	1.2	79.39		
	2.50	21.9	1.5	79.40		
	3.00	22.2	1.7	79.40		
	3.50	22.3	1.9	79.40		
	4.00	22.5	2.0	79.39		
	4.50	20.5	0.1	79.40		
	5.00	21.7	1.2	79.39		
	5.50	19.9	-0.6	79.39		
	6.00	19.6	-0.8	79.39		
	6.50	19.6	-0.9	79.39		
	7.00	20.2	-0.3	79.39		
	7.50	21.3	0.8	79.38		
	8.00	22.0	1.5	79.38		
	8.50	21.7	1.2	79.38		
	9.00	21.4	0.9	79.37		
	9.50	20.9	0.5	79.37		
	10.00	20.3	-0.2	79.37		
	10.50	22.4	2.0	79.36		
	11.00	22.1	1.7	79.37		
	11.50	21.7	1.2	79.37		
	12.00	21.2	0.7	79.37		
	12.50	20.7	0.2	79.36		
	13.00	22.8	2.3	79.36		
	13.50	22.3	1.8	79.36		
	14.00	21.8	1.4	79.36		
	14.50	21.3	0.8	79.36		
	15.00	22.9	2.5	79.36		
	15.50	22.8	2.4	79.36		
	16.00	22.2	1.8	79.36		
	16.50	21.5	1.0	79.36		
	17.00	23.3	2.9	79.36		
	17.50	22.6	2.1	79.37		
	18.00	21.6	1.2	79.37		
	18.50	23.6	3.1	79.37		
	19.00	23.1	2.6	79.37		
	19.50	22.6	2.1	79.38		
	20.00	22.3	1.8	79.38		
	20.50	23.7	3.2	79.39		
	21.00	23.1	2.7	79.39		
	21.50	22.5	2.0	79.39		
	22.00	24.1	3.6	79.40		
	22.50	23.6	3.1	79.41		
	23.00	22.9	2.5	79.41		
	23.50	22.8	2.4	79.42		
	24.00	24.0	3.6	79.42		
	24.50	23.5	3.0	79.43		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10583 DST#1 GREEN#1 KENNETH S. WHITE

DATE: 12/05/97

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	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	25.00	22.8	2.3	79.43		
	25.50	24.4	3.9	79.44		
	26.00	24.0	3.6	79.45		
	26.50	23.7	3.3	79.45		
	27.00	23.5	3.1	79.46		
	27.50	24.0	3.5	79.47		
	28.00	24.7	4.2	79.48		
	28.50	24.3	3.9	79.48		
***** End Flow 1	29.00	23.9	3.4	79.49		
***** Start Shutin 1	0.00	23.9	0.0	79.49	0.0000	0.001
	0.50	25.1	1.2	79.50	59.0000	0.001
	1.00	26.3	2.5	79.51	30.0000	0.001
	1.50	27.6	3.7	79.51	20.3333	0.001
	2.00	28.8	5.0	79.52	15.5000	0.001
	2.50	30.2	6.3	79.53	12.6000	0.001
	3.00	31.5	7.6	79.54	10.6667	0.001
	3.50	32.8	8.9	79.55	9.2857	0.001
	4.00	34.1	10.3	79.55	8.2500	0.001
	4.50	35.5	11.6	79.56	7.4444	0.001
	5.00	36.9	13.0	79.58	6.8000	0.001
	5.50	38.3	14.4	79.58	6.2727	0.001
	6.00	39.7	15.8	79.59	5.8333	0.002
	6.50	41.2	17.3	79.60	5.4615	0.002
	7.00	42.7	18.8	79.61	5.1429	0.002
	7.50	44.3	20.4	79.62	4.8667	0.002
	8.00	45.9	22.0	79.63	4.6250	0.002
	8.50	47.5	23.7	79.64	4.4118	0.002
	9.00	49.3	25.5	79.64	4.2222	0.002
	9.50	51.1	27.2	79.65	4.0526	0.003
	10.00	53.0	29.1	79.67	3.9000	0.003
	10.50	54.9	31.1	79.67	3.7619	0.003
	11.00	56.9	33.0	79.69	3.6364	0.003
	11.50	59.0	35.1	79.70	3.5217	0.003
	12.00	61.2	37.3	79.71	3.4167	0.004
	12.50	63.4	39.6	79.71	3.3200	0.004
	13.00	65.8	41.9	79.73	3.2308	0.004
	13.50	68.2	44.3	79.73	3.1481	0.005
	14.00	70.8	46.9	79.75	3.0714	0.005
	14.50	73.4	49.5	79.76	3.0000	0.005
	15.00	76.1	52.3	79.77	2.9333	0.006
	15.50	79.0	55.1	79.78	2.8710	0.006
	16.00	82.0	58.2	79.78	2.8125	0.007
	16.50	85.2	61.3	79.80	2.7576	0.007
	17.00	88.5	64.6	79.81	2.7059	0.008
	17.50	91.9	68.1	79.82	2.6571	0.008
	18.00	95.5	71.6	79.83	2.6111	0.009
	18.50	99.2	75.4	79.84	2.5676	0.01
	19.00	103.1	79.2	79.85	2.5263	0.011
	19.50	107.2	83.3	79.86	2.4872	0.011
	20.00	111.4	87.6	79.87	2.4500	0.012
	20.50	115.8	92.0	79.88	2.4146	0.013

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	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	21.00	120.5	96.6	79.89	2.3810	0.015
	21.50	125.3	101.4	79.90	2.3488	0.016
	22.00	130.3	106.4	79.91	2.3182	0.017
	22.50	135.4	111.6	79.92	2.2889	0.018
	23.00	140.8	116.9	79.93	2.2609	0.020
	23.50	146.3	122.5	79.94	2.2340	0.021
	24.00	152.1	128.2	79.96	2.2083	0.023
	24.50	157.9	134.0	79.97	2.1837	0.025
	25.00	163.9	140.1	79.98	2.1600	0.027
	25.50	170.1	146.3	79.99	2.1373	0.029
	26.00	176.4	152.6	79.99	2.1154	0.031
	26.50	182.9	159.0	80.01	2.0943	0.033
	27.00	189.4	165.5	80.02	2.0741	0.036
	27.50	196.0	172.2	80.03	2.0545	0.038
	28.00	202.7	178.8	80.04	2.0357	0.041
	28.50	209.4	185.5	80.05	2.0175	0.044
	29.00	215.8	191.9	80.06	2.0000	0.047
	29.50	222.6	198.8	80.08	1.9831	0.050
	30.00	229.4	205.5	80.08	1.9667	0.053
	30.50	236.1	212.2	80.10	1.9508	0.056
***** End Shut-in 1	31.00	242.8	219.0	80.11	1.9355	0.059
***** Start Flow 2	0.00	23.7	0.0	80.12		
	0.50	24.8	1.2	80.13		
	1.00	23.9	0.2	80.13		
	1.50	26.1	2.4	80.14		
	2.00	25.5	1.9	80.14		
	2.50	25.6	2.0	80.14		
	3.00	26.8	3.2	80.16		
	3.50	27.2	3.5	80.16		
	4.00	27.6	4.0	80.17		
	4.50	27.7	4.1	80.18		
	5.00	27.8	4.2	80.18		
	5.50	28.0	4.3	80.19		
	6.00	28.0	4.3	80.20		
	6.50	28.1	4.4	80.21		
	7.00	28.1	4.5	80.21		
	7.50	28.2	4.5	80.22		
	8.00	28.3	4.6	80.23		
	8.50	28.0	4.3	80.24		
	9.00	27.1	3.5	80.25		
	9.50	26.9	3.3	80.26		
	10.00	27.0	3.3	80.26		
	10.50	27.3	3.7	80.27		
	11.00	27.9	4.2	80.28		
	11.50	27.3	3.6	80.29		
	12.00	27.1	3.5	80.30		
	12.50	26.6	2.9	80.31		
	13.00	26.7	3.0	80.31		
	13.50	28.0	4.3	80.32		
	14.00	27.9	4.3	80.33		
	14.50	27.9	4.2	80.34		

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Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
15.00	28.0	4.3	80.35		
15.50	28.1	4.5	80.35		
16.00	28.2	4.6	80.36		
16.50	27.7	4.0	80.37		
17.00	28.1	4.4	80.38		
17.50	28.4	4.7	80.39		
18.00	27.9	4.3	80.40		
18.50	28.3	4.7	80.41		
19.00	28.6	5.0	80.41		
19.50	28.5	4.8	80.42		
20.00	28.8	5.2	80.43		
20.50	29.1	5.4	80.44		
21.00	28.3	4.7	80.45		
21.50	27.9	4.2	80.46		
22.00	27.5	3.8	80.47		
22.50	28.7	5.1	80.47		
23.00	28.8	5.1	80.48		
23.50	29.2	5.5	80.50		
24.00	29.3	5.7	80.50		
24.50	29.4	5.7	80.51		
25.00	29.4	5.8	80.52		
25.50	29.3	5.6	80.53		
26.00	28.2	4.5	80.54		
26.50	28.6	4.9	80.54		
27.00	28.5	4.9	80.55		
27.50	29.1	5.5	80.56		
28.00	29.6	5.9	80.57		
28.50	29.7	6.0	80.58		
29.00	29.7	6.0	80.59		
29.50	29.7	6.1	80.59		
30.00	29.8	6.1	80.60		
30.50	29.4	5.8	80.61		
31.00	28.1	4.5	80.62		
31.50	29.4	5.7	80.63		
32.00	29.3	5.7	80.64		
32.50	29.5	5.9	80.65		
33.00	29.9	6.3	80.65		
33.50	30.0	6.3	80.66		
34.00	30.0	6.4	80.67		
34.50	30.1	6.4	80.68		
35.00	30.1	6.5	80.69		
35.50	29.9	6.3	80.70		
36.00	29.0	5.4	80.71		
36.50	29.5	5.8	80.71		
37.00	29.6	5.9	80.72		
37.50	29.9	6.2	80.73		
38.00	30.3	6.7	80.74		
38.50	30.4	6.7	80.75		
39.00	30.4	6.8	80.75		
39.50	30.5	6.8	80.77		
40.00	30.5	6.9	80.77		

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	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	40.50	30.5	6.8	80.78		
	41.00	29.5	5.9	80.79		
	41.50	29.5	5.8	80.80		
	42.00	29.5	5.8	80.81		
	42.50	30.4	6.7	80.81		
	43.00	30.6	7.0	80.82		
	43.50	30.8	7.1	80.83		
***** End Flow 2	44.00	31.0	7.3	80.83		
***** Start Shutin 2	0.00	31.0	0.0	80.83	0.0000	0.001
	0.50	31.8	0.9	80.85	147.0000	0.001
	1.00	32.7	1.8	80.86	74.0000	0.001
	1.50	33.7	2.7	80.86	49.6667	0.001
	2.00	34.7	3.7	80.87	37.5000	0.001
	2.50	35.6	4.6	80.88	30.2000	0.001
	3.00	36.6	5.6	80.89	25.3333	0.001
	3.50	37.6	6.6	80.90	21.8571	0.001
	4.00	38.6	7.7	80.90	19.2500	0.001
	4.50	39.7	8.7	80.91	17.2222	0.002
	5.00	40.8	9.8	80.92	15.6000	0.002
	5.50	41.9	10.9	80.93	14.2727	0.002
	6.00	43.1	12.1	80.93	13.1667	0.002
	6.50	44.2	13.3	80.94	12.2308	0.002
	7.00	45.5	14.5	80.95	11.4286	0.002
	7.50	46.8	15.8	80.96	10.7333	0.002
	8.00	48.1	17.1	80.97	10.1250	0.002
	8.50	49.5	18.5	80.98	9.5882	0.002
	9.00	50.8	19.8	80.98	9.1111	0.003
	9.50	52.3	21.3	80.99	8.6842	0.003
	10.00	53.8	22.8	81.00	8.3000	0.003
	10.50	55.3	24.4	81.01	7.9524	0.003
	11.00	56.9	25.9	81.02	7.6364	0.003
	11.50	58.6	27.6	81.03	7.3478	0.003
	12.00	60.3	29.3	81.03	7.0833	0.004
	12.50	62.1	31.1	81.04	6.8400	0.004
	13.00	63.9	32.9	81.05	6.6154	0.004
	13.50	65.8	34.8	81.06	6.4074	0.004
	14.00	67.8	36.8	81.07	6.2143	0.005
	14.50	69.8	38.8	81.07	6.0345	0.005
	15.00	71.9	40.9	81.08	5.8667	0.005
	15.50	74.1	43.1	81.09	5.7097	0.005
	16.00	76.4	45.4	81.09	5.5625	0.006
	16.50	78.8	47.8	81.10	5.4242	0.006
	17.00	81.3	50.3	81.11	5.2941	0.007
	17.50	83.8	52.8	81.12	5.1714	0.007
	18.00	86.5	55.5	81.13	5.0556	0.007
	18.50	89.2	58.2	81.14	4.9459	0.008
	19.00	92.1	61.1	81.14	4.8421	0.008
	19.50	95.1	64.1	81.15	4.7436	0.009
	20.00	98.1	67.2	81.16	4.6500	0.01
	20.50	101.4	70.4	81.17	4.5610	0.010
	21.00	104.6	73.7	81.17	4.4762	0.011

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21.50	108.1	77.1	81.18	4.3953	0.012
22.00	111.6	80.6	81.19	4.3182	0.012
22.50	115.3	84.3	81.19	4.2444	0.013
23.00	119.1	88.1	81.20	4.1739	0.014
23.50	123.0	92.0	81.21	4.1064	0.015
24.00	127.1	96.1	81.22	4.0417	0.016
24.50	131.2	100.2	81.23	3.9796	0.017
25.00	135.4	104.5	81.23	3.9200	0.018
25.50	139.8	108.8	81.24	3.8627	0.020
26.00	144.3	113.3	81.25	3.8077	0.021
26.50	148.9	117.9	81.26	3.7547	0.022
27.00	153.6	122.6	81.26	3.7037	0.024
27.50	158.3	127.3	81.28	3.6545	0.025
28.00	163.1	132.1	81.28	3.6071	0.027
28.50	167.8	136.8	81.29	3.5614	0.028
29.00	172.8	141.8	81.30	3.5172	0.030
29.50	177.8	146.8	81.30	3.4746	0.032
30.00	182.9	151.9	81.31	3.4333	0.033
30.50	188.0	157.0	81.32	3.3934	0.035
31.00	193.1	162.1	81.33	3.3548	0.037
31.50	198.3	167.3	81.33	3.3175	0.039
32.00	203.4	172.5	81.34	3.2812	0.041
32.50	208.6	177.6	81.35	3.2462	0.044
33.00	213.7	182.7	81.36	3.2121	0.046
33.50	218.8	187.9	81.37	3.1791	0.048
34.00	223.9	192.9	81.37	3.1471	0.050
34.50	228.9	197.9	81.38	3.1159	0.052
35.00	233.9	202.9	81.39	3.0857	0.055
35.50	238.9	207.9	81.40	3.0563	0.057
36.00	243.8	212.8	81.40	3.0278	0.059
36.50	248.7	217.7	81.41	3.0000	0.062
37.00	253.5	222.5	81.42	2.9730	0.064
37.50	258.3	227.3	81.42	2.9467	0.067
38.00	263.0	232.0	81.43	2.9211	0.069
38.50	267.6	236.6	81.44	2.8961	0.072
39.00	272.2	241.2	81.45	2.8718	0.074
39.50	276.7	245.7	81.45	2.8481	0.077
40.00	281.1	250.1	81.46	2.8250	0.079
40.50	285.5	254.5	81.47	2.8025	0.082
41.00	289.8	258.8	81.47	2.7805	0.084
41.50	294.0	263.0	81.48	2.7590	0.086
42.00	298.2	267.2	81.49	2.7381	0.089
42.50	302.3	271.3	81.50	2.7176	0.091
43.00	306.3	275.3	81.50	2.6977	0.094
43.50	310.3	279.3	81.51	2.6782	0.096
44.00	314.2	283.2	81.51	2.6591	0.099
44.50	318.0	287.1	81.52	2.6404	0.101
45.00	321.8	290.8	81.53	2.6222	0.104
45.50	325.5	294.5	81.54	2.6044	0.106
46.00	329.2	298.2	81.55	2.5870	0.108
46.50	332.8	301.8	81.55	2.5699	0.111

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10583 DST#1 GREEN#1 KENNETH S. WHITE

DATE: 12/05/97

TIME: 21:52:36

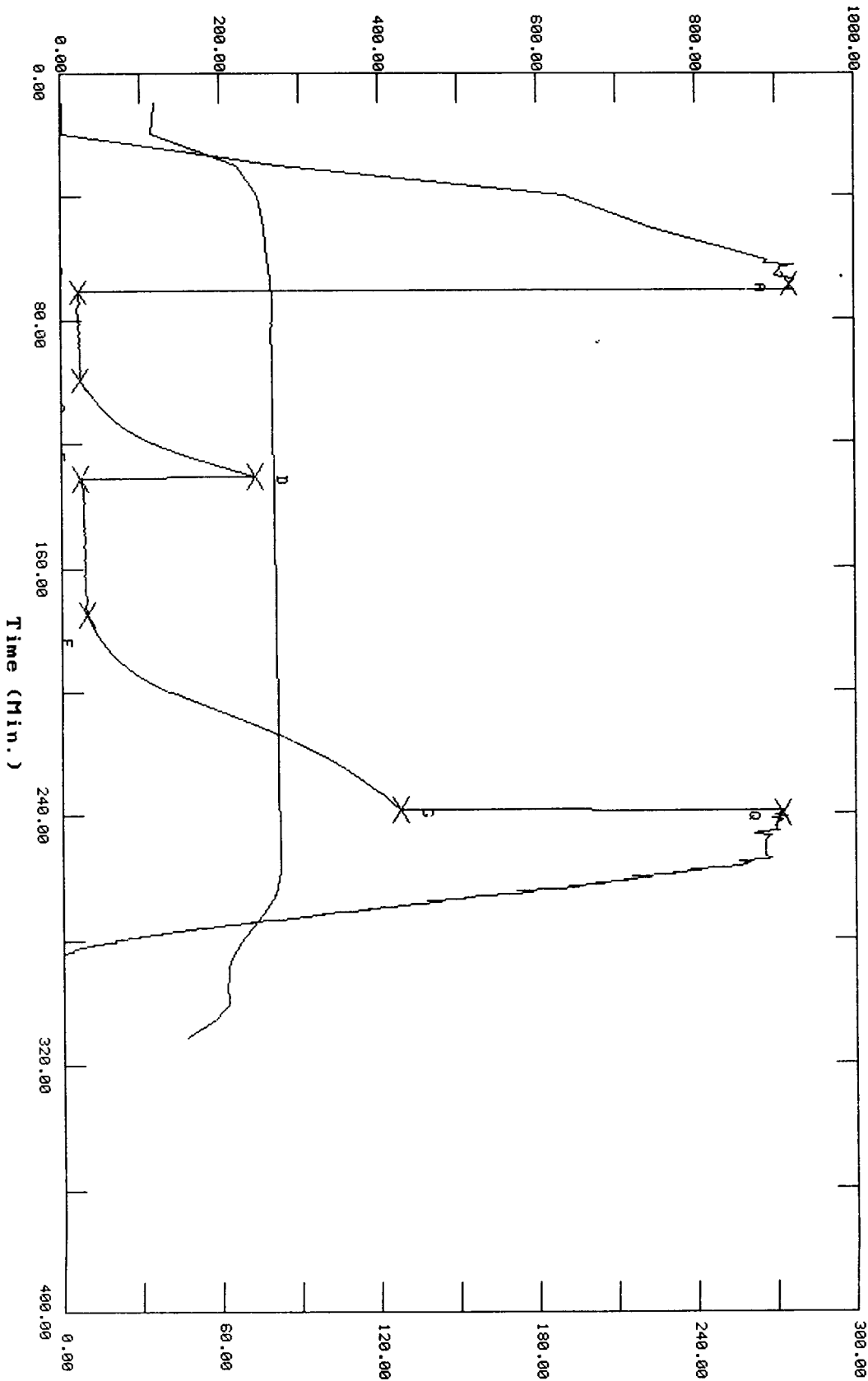
	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	47.00	336.3	305.3	81.56	2.5532	0.113
	47.50	339.8	308.8	81.56	2.5368	0.115
	48.00	343.3	312.3	81.57	2.5208	0.118
	48.50	346.6	315.6	81.58	2.5052	0.120
	49.00	349.9	318.9	81.59	2.4898	0.122
	49.50	353.2	322.2	81.59	2.4747	0.125
	50.00	356.3	325.3	81.60	2.4600	0.127
	50.50	359.5	328.5	81.60	2.4455	0.129
	51.00	362.5	331.5	81.61	2.4314	0.131
	51.50	365.6	334.6	81.62	2.4175	0.134
	52.00	368.5	337.6	81.63	2.4038	0.136
	52.50	371.5	340.5	81.63	2.3905	0.138
	53.00	374.3	343.3	81.63	2.3774	0.140
	53.50	377.2	346.2	81.64	2.3645	0.142
	54.00	380.0	349.0	81.65	2.3519	0.144
	54.50	382.7	351.7	81.66	2.3394	0.146
	55.00	385.4	354.4	81.67	2.3273	0.149
	55.50	388.0	357.0	81.67	2.3153	0.151
	56.00	390.6	359.6	81.68	2.3036	0.153
	56.50	393.2	362.2	81.68	2.2920	0.155
	57.00	395.7	364.7	81.69	2.2807	0.157
	57.50	398.2	367.2	81.69	2.2696	0.159
	58.00	400.6	369.6	81.70	2.2586	0.160
	58.50	403.0	372.0	81.70	2.2479	0.162
	59.00	405.4	374.4	81.71	2.2373	0.164
	59.50	407.7	376.7	81.72	2.2269	0.166
	60.00	410.0	379.0	81.73	2.2167	0.168
	60.50	412.2	381.2	81.73	2.2066	0.170
	61.00	414.4	383.4	81.74	2.1967	0.172
	61.50	416.6	385.6	81.74	2.1870	0.174
	62.00	418.7	387.7	81.74	2.1774	0.175
	62.50	420.8	389.9	81.75	2.1680	0.177
	63.00	422.9	391.9	81.76	2.1587	0.179
***** End Shut-in 2	63.50	424.9	393.9	81.76	2.1496	0.181
***** Final Hydro.	240.00	908.4	0.0	81.81		

TEST HISTORY

10583 DST#1 GREEN#1 KENNETH S. WHITE

Flag Points
t(Min.) P(PSig)

A: 0.00 918.69
B: 0.00 20.45
C: 29.00 23.86
D: 31.00 242.83
E: 0.00 23.66
F: 44.00 30.99
G: 63.50 424.90
Q: 0.00 908.44

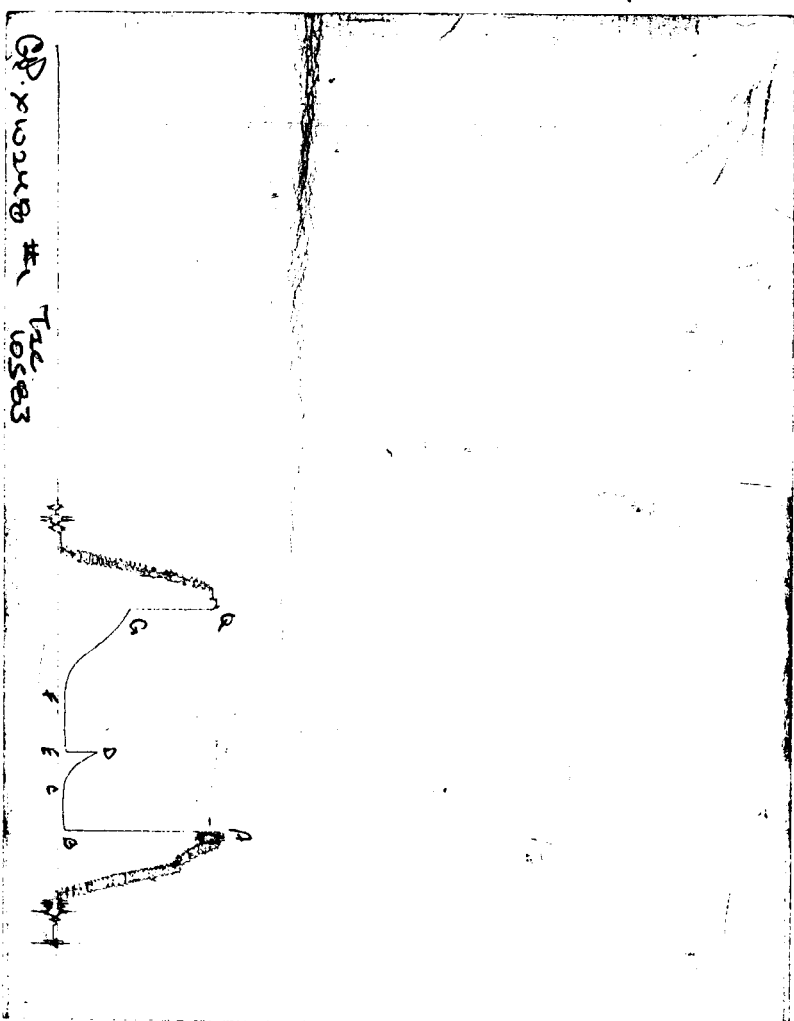


Pressure (PSig)

Temperature (DEG F)

Time (Min.)

CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : Kenneth S. White

DATE 12-08-97

WELL NAME: Green #1

KB 1907.00 ft

TICKET NO: 10584

DST #2

LOCATION : 33-26S-12W Pratt Co. KS

GR 1902.00 ft

FORMATION: Lansing "B"

INTERVAL : 3705.00 To 3735.00 ft

TD 3735.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10248	10248	3030			PF Fr. 1836 to 1906 hr
SI 45 Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 1906 to 1951 hr
SF 60 Clock(hrs)	12hr.	12hr.	Batt.			SF Fr. 1951 to 2051 hr
FS 60 Depth(ft)	3732.0	3732.0	3715.0	0.0	0.0	FS Fr. 2051 to 2151 hr

	Field	1	2	3	4	
A. Init Hydro	1854.0	1808.0	1832.0	0.0	0.0	T STARTED 1704 hr
B. First Flow	28.0	36.0	17.0	0.0	0.0	T ON BOTM 1830 hr
B1. Final Flow	28.0	36.0	20.0	0.0	0.0	T OPEN 1836 hr
C. In Shut-in	85.0	82.0	82.0	0.0	0.0	T PULLED 2151 hr
D. Init Flow	28.0	32.0	17.0	0.0	0.0	T OUT 2345 hr
E. Final Flow	28.0	32.0	23.0	0.0	0.0	
F. Fl Shut-in	71.0	73.0	74.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1810.0	1791.0	1783.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I	T		Wt Set On Packer 23000.00 lbs
						Wt Pulled Loose 58000.00 lbs
						Initial Str Wt 48000.00 lbs
						Unseated Str Wt 48000.00 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 3692.00 ft

RECOVERY

Tot Fluid 10.00 ft of 0.00 ft in DC and 10.00 ft in DP
 10.00 ft of Gassy mud. 10%G
 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 Rw n/c ohms @ degrees F.
 0.00 ft of EST. FT. OF PAY-----?
 SALINITY 5000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow: Weak blow.
 1/2" - 5" in Water.

Initial Shutin: No blow.

Final Flow: Weak blow. 1-3".

Final Shutin: No blow.

SAMPLES: none

SENT TO: Caraway / Liberal Ks

Test Successful: Y

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/cf
Vis.	46.00 S/L
W.L.	9.60 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	111.00 F
Hole Condition	good
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Tom Robinson
Contr.	White & Ellis
Rig #	8
Unit #	
Pump T.	LCM trace

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Green #1

LOCATION : 33-26S-12W Pratt Co. KS

TICKET No. 10584 D.S.T. No. 2 DATE 12-08-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL

TOTAL PACKERS AND ANCHOR 30

TOTAL TOOL 52

DRILL COLLAR ANCHOR IN INTERVAL

C. ANCHOR STND.Stands Single Total

P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 52

C. ABOVE TOOLS.Stands Single Total

P. ABOVE TOOLS.Stands51 Single 1 Total 3692

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3744

TOTAL DEPTH 3735

TOTAL DRILL PIPE ABOVE K.B. 9

REMARKS:

FLUID SAMPLER DATA (not run)

GAS-----
 OIL----- ML.
 MUD----- ML.
 WATER----- ML.
 OTHER-----
 PRESSURE----- PSI
 W----- OHMS @
 CHLORIDES----- DEGREES F
 ppm.

COMMENTS:

P.O. SUB	
C.O. SUB Top of tool @	3683
S.I. TOOL Sterling	3689
HMV Sterling	3694
JARS no	
SAFETY JOINT Bowen	3696
PACKER Top	3700
PACKER Bottom	3705
DEPTH	3705
STUBB 1 ft.	3706
ANCHOR	
perfs	
Alpine rec. @3715	
T.C.	
DEPTH	
24 ft. perfs to	3730
AK-1 rec. @3732	
BULLNOSE 5' Perforated to	3735
T.D.	

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10584 DST#2 GREEN#1 KENNETH S. WHITE

DATE: 12/08/97 TIME: 17:04:26

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	87.50	1831.7	0.0	102.13		
***** Start Flow 1	0.00	16.7	0.0	103.22		
	0.50	16.4	-0.3	103.30		
	1.00	17.6	1	103.37		
	1.50	17.0	0.3	103.43		
	2.00	18.7	2.0	103.49		
	2.50	17.4	0.8	103.54		
	3.00	17.2	0.6	103.59		
	3.50	19.4	2.7	103.64		
	4.00	19.8	3.1	103.68		
	4.50	19.1	2.5	103.73		
	5.00	18.5	1.8	103.77		
	5.50	16.9	0.3	103.81		
	6.00	20.3	3.6	103.88		
	6.50	19.2	2.5	103.91		
	7.00	18.2	1.5	103.93		
	7.50	17.0	0.3	103.97		
	8.00	20.3	3.7	104.01		
	8.50	19.7	3.0	104.05		
	9.00	18.3	1.7	104.09		
	9.50	16.9	0.2	104.13		
	10.00	20.3	3.6	104.16		
	10.50	19.1	2.4	104.21		
	11.00	17.4	0.7	104.24		
	11.50	16.9	0.3	104.28		
	12.00	20.2	3.6	104.32		
	12.50	19.4	2.8	104.36		
	13.00	17.9	1.3	104.40		
	13.50	20.8	4.1	104.44		
	14.00	19.5	2.8	104.48		
	14.50	17.4	0.7	104.52		
	15.00	20.4	3.7	104.56		
	15.50	19.0	2.3	104.59		
	16.00	19.9	3.2	104.63		
	16.50	20.1	3.4	104.66		
	17.00	18.2	1.6	104.70		
	17.50	17.2	0.6	104.73		
	18.00	19.7	3.0	104.76		
	18.50	18.5	1.9	104.79		
	19.00	20.7	4.0	104.82		
	19.50	19.4	2.8	104.86		
	20.00	17.8	1.2	104.89		
	20.50	20.6	3.9	104.92		
	21.00	19.8	3.2	104.94		
	21.50	17.9	1.2	104.97		
	22.00	20.5	3.8	105.00		
	22.50	19.8	3.1	105.04		
	23.00	18.3	1.6	105.06		
	23.50	20.7	4.0	105.10		
	24.00	19.5	2.9	105.13		
	24.50	20.9	4.2	105.17		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10584 DST#2 GREEN#1 KENNETH S. WHITE

DATE: 12/08/97

TIME: 17:04:26

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	25.00	19.8	3.1	105.20		
	25.50	20.9	4.2	105.23		
	26.00	19.7	3.1	105.27		
	26.50	21.0	4.3	105.31		
	27.00	19.7	3.0	105.34		
	27.50	20.6	4.0	105.37		
	28.00	19.5	2.8	105.40		
***** End Flow 1	28.50	20.4	3.7	105.43		
***** Start Shutin 1	0.00	20.4	0.0	105.43	0.0000	0.000
	0.50	21.3	0.9	105.46	58.0000	0.000
	1.00	22.3	1.9	105.49	29.5000	0.000
	1.50	23.2	2.8	105.52	20.0000	0.001
	2.00	24.1	3.7	105.54	15.2500	0.001
	2.50	24.9	4.5	105.57	12.4000	0.001
	3.00	25.7	5.3	105.60	10.5000	0.001
	3.50	26.5	6.1	105.63	9.1429	0.001
	4.00	27.4	7.0	105.65	8.1250	0.001
	4.50	28.2	7.8	105.68	7.3333	0.001
	5.00	29.1	8.7	105.71	6.7000	0.001
	5.50	29.9	9.5	105.73	6.1818	0.001
	6.00	30.6	10.3	105.76	5.7500	0.001
	6.50	31.4	11.1	105.79	5.3846	0.001
	7.00	32.3	11.9	105.81	5.0714	0.001
	7.50	33.1	12.8	105.83	4.8000	0.001
	8.00	33.9	13.5	105.86	4.5625	0.001
	8.50	34.5	14.1	105.88	4.3529	0.001
	9.00	35.3	14.9	105.91	4.1667	0.001
	9.50	35.9	15.5	105.93	4.0000	0.001
	10.00	36.6	16.2	105.95	3.8500	0.001
	10.50	37.3	16.9	105.98	3.7143	0.001
	11.00	37.9	17.5	106.01	3.5909	0.001
	11.50	38.6	18.2	106.03	3.4783	0.001
	12.00	39.3	18.9	106.05	3.3750	0.002
	12.50	40.0	19.6	106.07	3.2800	0.002
	13.00	40.8	20.4	106.09	3.1923	0.002
	13.50	41.4	21.0	106.12	3.1111	0.002
	14.00	42.1	21.7	106.14	3.0357	0.002
	14.50	42.9	22.5	106.17	2.9655	0.002
	15.00	43.5	23.2	106.19	2.9000	0.002
	15.50	44.3	23.9	106.22	2.8387	0.002
	16.00	45.0	24.6	106.24	2.7812	0.002
	16.50	45.7	25.4	106.26	2.7273	0.002
	17.00	46.4	26.0	106.29	2.6765	0.002
	17.50	47.0	26.6	106.32	2.6286	0.002
	18.00	48.4	28.0	106.33	2.5833	0.002
	18.50	49.2	28.8	106.36	2.5405	0.002
	19.00	49.9	29.5	106.38	2.5000	0.002
	19.50	50.6	30.2	106.40	2.4615	0.003
	20.00	51.2	30.8	106.42	2.4250	0.003
	20.50	51.9	31.5	106.45	2.3902	0.003
	21.00	52.6	32.2	106.47	2.3571	0.003

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10584 DST#2 GREEN#1 KENNETH S. WHITE

DATE: 12/08/97

TIME: 17:04:26

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	21.50	53.4	33.0	106.50	2.3256	0.003
	22.00	54.0	33.6	106.52	2.2955	0.003
	22.50	54.7	34.3	106.54	2.2667	0.003
	23.00	55.4	35.0	106.56	2.2391	0.003
	23.50	56.1	35.7	106.59	2.2128	0.003
	24.00	56.8	36.4	106.61	2.1875	0.003
	24.50	57.5	37.1	106.63	2.1633	0.003
	25.00	58.1	37.7	106.65	2.1400	0.003
	25.50	58.7	38.4	106.68	2.1176	0.003
	26.00	59.4	39.0	106.70	2.0962	0.004
	26.50	60.1	39.7	106.72	2.0755	0.004
	27.00	60.7	40.3	106.74	2.0556	0.004
	27.50	61.4	41.0	106.77	2.0364	0.004
	28.00	62.0	41.7	106.79	2.0179	0.004
	28.50	62.7	42.3	106.81	2.0000	0.004
	29.00	63.4	43.0	106.83	1.9828	0.004
	29.50	64.0	43.6	106.86	1.9661	0.004
	30.00	64.6	44.2	106.87	1.9500	0.004
	30.50	65.2	44.8	106.90	1.9344	0.004
	31.00	65.9	45.5	106.92	1.9194	0.004
	31.50	66.5	46.1	106.94	1.9048	0.004
	32.00	67.1	46.7	106.96	1.8906	0.005
	32.50	67.7	47.3	106.98	1.8769	0.005
	33.00	68.4	48.0	107.00	1.8636	0.005
	33.50	69.0	48.6	107.02	1.8507	0.005
	34.00	69.6	49.2	107.05	1.8382	0.005
	34.50	70.1	49.7	107.07	1.8261	0.005
	35.00	70.7	50.3	107.09	1.8143	0.005
	35.50	71.4	51.0	107.11	1.8028	0.005
	36.00	72.0	51.6	107.13	1.7917	0.005
	36.50	72.5	52.2	107.15	1.7808	0.005
	37.00	73.2	52.8	107.17	1.7703	0.005
	37.50	73.8	53.4	107.19	1.7600	0.005
	38.00	74.4	54.1	107.21	1.7500	0.006
	38.50	75.0	54.7	107.23	1.7403	0.006
	39.00	75.6	55.3	107.26	1.7308	0.006
	39.50	76.2	55.8	107.28	1.7215	0.006
	40.00	76.7	56.3	107.30	1.7125	0.006
	40.50	77.4	57.0	107.32	1.7037	0.006
	41.00	78.0	57.6	107.34	1.6951	0.006
	41.50	78.5	58.1	107.36	1.6867	0.006
	42.00	79.1	58.7	107.38	1.6786	0.006
	42.50	79.6	59.2	107.40	1.6706	0.006
	43.00	80.2	59.8	107.42	1.6628	0.006
	43.50	80.7	60.3	107.44	1.6552	0.007
	44.00	81.3	60.9	107.46	1.6477	0.007
	44.50	81.9	61.5	107.48	1.6404	0.007
***** End Shut-in 1	45.00	82.4	62.0	107.49	1.6333	0.007
***** Start Flow 2	0.00	16.6	0.0	107.52		
	0.50	17.9	1.3	107.53		
	1.00	19.9	3.3	107.55		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10584 DST#2 GREEN#1 KENNETH S. WHITE

DATE: 12/08/97

TIME: 17:04:26

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
1.50	15.8	-0.8	107.57		
2.00	18.7	2.2	107.59		
2.50	19.7	3.1	107.60		
3.00	20.6	4.0	107.62		
3.50	21.2	4.6	107.64		
4.00	19.3	2.7	107.65		
4.50	20.4	3.8	107.67		
5.00	21.1	4.5	107.68		
5.50	18.1	1.6	107.70		
6.00	20.6	4.0	107.72		
6.50	21.3	4.7	107.74		
7.00	21.9	5.3	107.75		
7.50	20.1	3.5	107.76		
8.00	21.2	4.6	107.78		
8.50	21.9	5.3	107.80		
9.00	19.6	3.0	107.81		
9.50	21.0	4.4	107.82		
10.00	21.6	5.0	107.84		
10.50	22.1	5.5	107.84		
11.00	19.6	3.0	107.86		
11.50	20.5	3.9	107.87		
12.00	21.1	4.5	107.89		
12.50	21.7	5.1	107.90		
13.00	18.9	2.3	107.92		
13.50	20.4	3.8	107.94		
14.00	21.0	4.4	107.95		
14.50	21.5	4.9	107.97		
15.00	22.0	5.4	107.99		
15.50	20.2	3.6	108.01		
16.00	20.9	4.3	108.02		
16.50	21.5	4.9	108.04		
17.00	22.0	5.4	108.06		
17.50	18.6	2.0	108.08		
18.00	20.4	3.8	108.10		
18.50	21.0	4.4	108.12		
19.00	21.4	4.8	108.14		
19.50	21.8	5.2	108.16		
20.00	20.5	3.9	108.18		
20.50	21.0	4.4	108.21		
21.00	21.6	5.0	108.23		
21.50	22.0	5.4	108.25		
22.00	19.3	2.7	108.27		
22.50	21.0	4.4	108.29		
23.00	21.5	4.9	108.31		
23.50	22.0	5.4	108.33		
24.00	22.4	5.8	108.35		
24.50	20.7	4.1	108.37		
25.00	21.2	4.6	108.39		
25.50	21.7	5.1	108.42		
26.00	22.1	5.5	108.44		
26.50	19.2	2.6	108.46		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10584 DST#2 GREEN#1 KENNETH S. WHITE

DATE: 12/08/97 TIME: 17:04:26

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
27.00	20.9	4.3	108.48		
27.50	21.5	4.9	108.50		
28.00	22.1	5.5	108.52		
28.50	19.9	3.3	108.55		
29.00	20.9	4.3	108.57		
29.50	21.6	5.0	108.59		
30.00	22.1	5.5	108.61		
30.50	19.3	2.7	108.64		
31.00	20.8	4.2	108.65		
31.50	21.4	4.8	108.68		
32.00	22.0	5.4	108.69		
32.50	20.2	3.6	108.71		
33.00	20.9	4.3	108.74		
33.50	21.5	4.9	108.75		
34.00	22.1	5.5	108.77		
34.50	20.0	3.4	108.79		
35.00	21.0	4.4	108.81		
35.50	21.6	5.0	108.83		
36.00	22.1	5.5	108.84		
36.50	19.2	2.6	108.86		
37.00	20.9	4.3	108.88		
37.50	21.6	5.0	108.89		
38.00	22.2	5.6	108.91		
38.50	19.2	2.6	108.93		
39.00	20.7	4.1	108.95		
39.50	21.3	4.7	108.97		
40.00	21.9	5.3	108.98		
40.50	21.7	5.1	109.00		
41.00	20.8	4.2	109.02		
41.50	21.4	4.8	109.03		
42.00	21.9	5.3	109.06		
42.50	22.4	5.8	109.07		
43.00	19.9	3.3	109.09		
43.50	21.3	4.7	109.10		
44.00	21.8	5.2	109.12		
44.50	22.4	5.8	109.14		
45.00	19.3	2.7	109.16		
45.50	21.0	4.4	109.18		
46.00	21.7	5.1	109.20		
46.50	22.4	5.8	109.21		
47.00	19.5	2.9	109.23		
47.50	20.7	4.1	109.25		
48.00	21.3	4.7	109.26		
48.50	22.0	5.4	109.28		
49.00	20.0	3.4	109.29		
49.50	21.3	4.7	109.31		
50.00	22.0	5.4	109.32		
50.50	19.3	2.7	109.34		
51.00	20.8	4.2	109.35		
51.50	21.4	4.8	109.37		
52.00	21.9	5.3	109.38		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10584 DST#2 GREEN#1 KENNETH S. WHITE

DATE: 12/08/97 TIME: 17:04:26

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	52.50	21.0	4.4	109.40		
	53.00	21.7	5.1	109.42		
	53.50	22.3	5.7	109.43		
	54.00	19.7	3.1	109.45		
	54.50	21.3	4.7	109.46		
	55.00	22.0	5.4	109.48		
	55.50	22.7	6.1	109.50		
	56.00	20.5	3.9	109.51		
	56.50	21.4	4.8	109.53		
	57.00	22.1	5.5	109.54		
	57.50	22.7	6.1	109.56		
	58.00	20.7	4.1	109.57		
	58.50	21.6	5.0	109.60		
	59.00	22.2	5.6	109.61		
***** End Flow 2	59.50	22.6	6.0	109.62		
***** Start Shutin 2	0.00	22.6	0.0	109.62	0.0000	0.001
	0.50	23.2	0.6	109.64	177.0000	0.001
	1.00	23.7	1.0	109.66	89.0000	0.001
	1.50	24.2	1.6	109.67	59.6667	0.001
	2.00	24.8	2.2	109.69	45.0000	0.001
	2.50	25.4	2.7	109.70	36.2000	0.001
	3.00	25.8	3.2	109.72	30.3333	0.001
	3.50	26.3	3.6	109.74	26.1429	0.001
	4.00	26.8	4.1	109.75	23.0000	0.001
	4.50	27.4	4.8	109.77	20.5556	0.001
	5.00	27.9	5.3	109.78	18.6000	0.001
	5.50	28.4	5.7	109.80	17.0000	0.001
	6.00	29.0	6.3	109.82	15.6667	0.001
	6.50	29.4	6.7	109.83	14.5385	0.001
	7.00	29.9	7.3	109.85	13.5714	0.001
	7.50	30.4	7.8	109.86	12.7333	0.001
	8.00	30.9	8.3	109.88	12.0000	0.001
	8.50	31.4	8.8	109.89	11.3529	0.001
	9.00	32.0	9.4	109.91	10.7778	0.001
	9.50	32.6	9.9	109.93	10.2632	0.001
	10.00	33.0	10.4	109.94	9.8000	0.001
	10.50	33.4	10.8	109.95	9.3810	0.001
	11.00	34.0	11.3	109.97	9.0000	0.001
	11.50	34.4	11.7	109.99	8.6522	0.001
	12.00	34.8	12.1	110.00	8.3333	0.001
	12.50	35.2	12.6	110.02	8.0400	0.001
	13.00	35.7	13.1	110.03	7.7692	0.001
	13.50	36.2	13.6	110.05	7.5185	0.001
	14.00	36.6	14.0	110.06	7.2857	0.001
	14.50	37.1	14.5	110.08	7.0690	0.001
	15.00	37.5	14.9	110.09	6.8667	0.001
	15.50	37.9	15.3	110.10	6.6774	0.001
	16.00	38.4	15.8	110.12	6.5000	0.001
	16.50	38.8	16.2	110.14	6.3333	0.002
	17.00	39.2	16.6	110.15	6.1765	0.002
	17.50	39.7	17.1	110.16	6.0286	0.002

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10584 DST#2 GREEN#1 KENNETH S. WHITE

DATE: 12/08/97

TIME: 17:04:26

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
18.00	40.1	17.5	110.18	5.8889	0.002
18.50	40.5	17.8	110.19	5.7568	0.002
19.00	40.9	18.3	110.21	5.6316	0.002
19.50	41.5	18.8	110.22	5.5128	0.002
20.00	42.0	19.3	110.24	5.4000	0.002
20.50	42.4	19.7	110.25	5.2927	0.002
21.00	42.7	20.1	110.27	5.1905	0.002
21.50	43.1	20.4	110.28	5.0930	0.002
22.00	43.4	20.8	110.29	5.0000	0.002
22.50	43.9	21.3	110.31	4.9111	0.002
23.00	44.2	21.6	110.32	4.8261	0.002
23.50	44.7	22.0	110.33	4.7447	0.002
24.00	44.9	22.3	110.35	4.6667	0.002
24.50	45.5	22.8	110.36	4.5918	0.002
25.00	45.8	23.2	110.38	4.5200	0.002
25.50	46.2	23.6	110.39	4.4510	0.002
26.00	46.5	23.9	110.40	4.3846	0.002
26.50	47.0	24.4	110.41	4.3208	0.002
27.00	47.4	24.8	110.43	4.2593	0.002
27.50	47.8	25.2	110.44	4.2000	0.002
28.00	48.3	25.7	110.46	4.1429	0.002
28.50	48.7	26.1	110.47	4.0877	0.002
29.00	49.2	26.5	110.48	4.0345	0.002
29.50	49.8	27.1	110.50	3.9831	0.002
30.00	50.3	27.6	110.51	3.9333	0.003
30.50	50.7	28.0	110.52	3.8852	0.003
31.00	51.0	28.4	110.54	3.8387	0.003
31.50	51.4	28.8	110.55	3.7937	0.003
32.00	51.8	29.2	110.57	3.7500	0.003
32.50	52.2	29.5	110.57	3.7077	0.003
33.00	52.6	29.9	110.59	3.6667	0.003
33.50	52.9	30.3	110.61	3.6269	0.003
34.00	53.4	30.7	110.62	3.5882	0.003
34.50	53.7	31.1	110.63	3.5507	0.003
35.00	54.2	31.5	110.65	3.5143	0.003
35.50	54.5	31.9	110.66	3.4789	0.003
36.00	54.9	32.3	110.67	3.4444	0.003
36.50	55.3	32.7	110.68	3.4110	0.003
37.00	55.8	33.2	110.70	3.3784	0.003
37.50	56.1	33.5	110.71	3.3467	0.003
38.00	56.5	33.9	110.73	3.3158	0.003
38.50	56.9	34.2	110.74	3.2857	0.003
39.00	57.2	34.6	110.75	3.2564	0.003
39.50	57.7	35.0	110.77	3.2278	0.003
40.00	58.0	35.4	110.78	3.2000	0.003
40.50	58.4	35.8	110.79	3.1728	0.003
41.00	58.8	36.1	110.81	3.1463	0.003
41.50	59.1	36.5	110.82	3.1205	0.003
42.00	59.5	36.9	110.83	3.0952	0.004
42.50	59.9	37.3	110.85	3.0706	0.004
43.00	60.3	37.7	110.86	3.0465	0.004

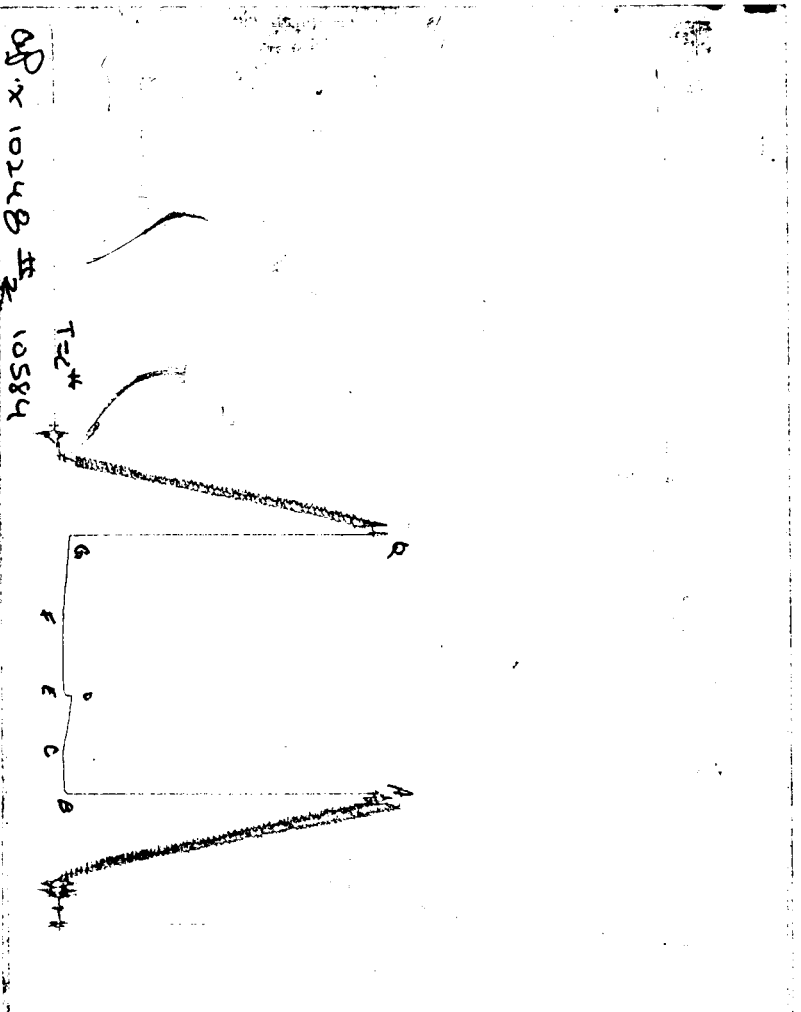
 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10584 DST#2 GREEN#1 KENNETH S. WHITE

DATE: 12/08/97 TIME: 17:04:26

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	43.50	60.7	38.1	110.87	3.0230	0.004
	44.00	61.1	38.5	110.88	3.0000	0.004
	44.50	61.7	39.1	110.90	2.9775	0.004
	45.00	62.1	39.5	110.91	2.9556	0.004
	45.50	62.6	40.0	110.92	2.9341	0.004
	46.00	63.0	40.3	110.94	2.9130	0.004
	46.50	63.3	40.7	110.95	2.8925	0.004
	47.00	63.7	41.0	110.96	2.8723	0.004
	47.50	64.0	41.4	110.98	2.8526	0.004
	48.00	64.4	41.8	110.99	2.8333	0.004
	48.50	64.8	42.1	111.00	2.8144	0.004
	49.00	65.1	42.5	111.02	2.7959	0.004
	49.50	65.5	42.9	111.03	2.7778	0.004
	50.00	65.9	43.2	111.04	2.7600	0.004
	50.50	66.4	43.7	111.06	2.7426	0.004
	51.00	66.8	44.1	111.07	2.7255	0.004
	51.50	67.2	44.5	111.08	2.7087	0.005
	52.00	67.6	44.9	111.09	2.6923	0.005
	52.50	68.0	45.4	111.10	2.6762	0.005
	53.00	68.4	45.7	111.12	2.6604	0.005
	53.50	68.7	46.1	111.13	2.6449	0.005
	54.00	69.1	46.5	111.15	2.6296	0.005
	54.50	69.5	46.8	111.15	2.6147	0.005
	55.00	69.8	47.1	111.17	2.6000	0.005
	55.50	70.1	47.5	111.18	2.5856	0.005
	56.00	70.6	47.9	111.20	2.5714	0.005
	56.50	71.0	48.4	111.21	2.5575	0.005
	57.00	71.4	48.7	111.22	2.5439	0.005
	57.50	71.8	49.1	111.24	2.5304	0.005
	58.00	72.1	49.4	111.25	2.5172	0.005
	58.50	72.4	49.8	111.26	2.5043	0.005
	59.00	72.8	50.2	111.27	2.4915	0.005
	59.50	73.1	50.5	111.29	2.4790	0.005
	60.00	73.5	50.9	111.31	2.4667	0.005
	60.50	73.9	51.2	111.32	2.4545	0.005
***** End Shut-in 2	61.00	74.3	51.7	111.33	2.4426	0.006
***** Final Hydro.	288.00	1783.2	0.0	111.55		

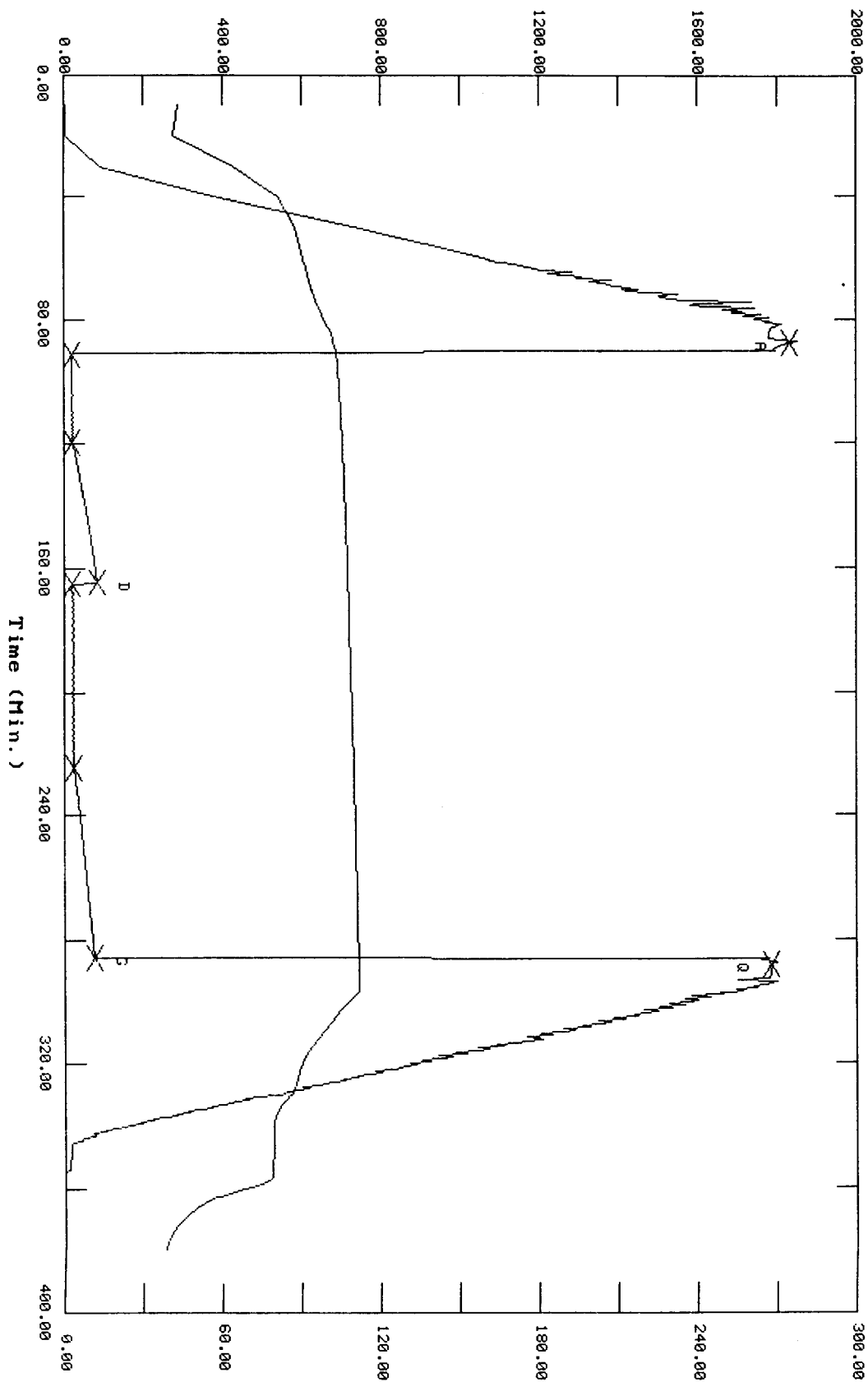
CHART PAGE



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

TEST HISTORY

10584 DST#2 GREEN#1 KENNETH S. WHITE



Flag Points

	t(Min.)	P(PSIg)
A:	0.00	1831.72
B:	0.00	16.67
C:	28.50	20.39
D:	45.00	82.42
E:	0.00	16.59
F:	59.50	22.63
G:	61.00	74.29
H:	0.00	1783.23

Temperature (DEG F)

TRILOBITE TESTING L.L.C.

OPERATOR : Kenneth S. White	DATE 12-09-97		
WELL NAME: Green #1	KB 1907.00 ft	TICKET NO: 10585	DST #3
LOCATION : 33-26S-12W Pratt Co. KS	GR 1902.00 ft	FORMATION: Lansing H	
INTERVAL : 3837.00 To 3857.00 ft	TD 3857.00 ft	TEST TYPE: CONVENTIONAL	

RECORDED DATA

Mins			Field	1	2	3	4	TIME DATA-----
PF	30	Rec.	10248	10248	3030			PF Fr. 1140 to 1210 hr
SI	55	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 1210 to 1305 hr
SF	60	Clock(hrs)	12hr.	12hr.	Batt.			SF Fr. 1305 to 1405 hr
FS	60	Depth(ft)	3854.0	3854.0	3843.0	0.0	0.0	FS Fr. 1405 to 1505 hr

	Field	1	2	3	4			
A.	Init Hydro	1953.0	1901.0	1886.0	0.0	0.0	T STARTED	1004 hr
B.	First Flow	21.0	30.0	14.0	0.0	0.0	T ON BOTM	1135 hr
B1.	Final Flow	23.0	35.0	21.0	0.0	0.0	T OPEN	1140 hr
C.	In Shut-in	579.0	579.0	583.0	0.0	0.0	T PULLED	1505 hr
D.	Init Flow	25.0	38.0	21.0	0.0	0.0	T OUT	1705 hr
E.	Final Flow	30.0	42.0	29.0	0.0	0.0		
F.	Fl Shut-in	468.0	474.0	460.0	0.0	0.0	TOOL DATA-----	
G.	Final Hydro	1918.0	1863.0	1852.0	0.0	0.0	Tool Wt.	2100.00 lbs
	Inside/Outside	O	O	I	T		Wt Set On Packer	26000.00 lbs

RECOVERY

Tot Fluid	40.00 ft of	0.00 ft in DC and	40.00 ft in DP	Unseated Str Wt	47000.00 lbs
370.00	ft of Gas in pipe.			Bot Choke	0.75 in
40.00	ft of Gassy Oil Cut Mud	6%Gas	24%Oil 70%Mud	Hole Size	7.88 in
0.00	ft of			D Col. ID	2.25 in
0.00	ft of			D. Pipe ID	3.80 in
0.00	ft of			D.C. Length	0.00 ft
0.00	ft of			D.P. Length	3820.00 ft
0.00	ft of Rw n/c ohms @		degrees F.		
0.00	ft of EST. FT. OF PAY-----		5		
SALINITY	5000.00 P.P.M.	A.P.I. Gravity	0.00		

BLOW DESCRIPTION

Initial Flow: Strong Blow.
Bottom of bucket in 1.75 minutes.

Initial Shutin: No Blow.

Final Flow: Strong Blow.
Bottom of bucket in 40 seconds.

Final Shutin: No blow.

SAMPLES: none
SENT TO: Caraway / Liberal Ks

MUD DATA-----	
Mud Type	Chemical
Weight	9.00 lb/cf
Vis.	46.00 S/L
W.L.	9.60 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	115.00 F
Hole Condition	good
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Tom Robinson
Contr.	White & Ellis
Rig #	8
Unit #	
Pump T.	LCM trace

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Green #1

LOCATION : 33-26S-12W Pratt Co. KS

TICKET No. 10585 D.S.T. No. 3 DATE 12-09-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 20

TOTAL TOOL 42

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 42

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands53 Single 1 Total 3820

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3862

TOTAL DEPTH 3857

TOTAL DRILL PIPE ABOVE K.B. 5

REMARKS:

FLUID SAMPLER DATA (not run)

GAS-----

OIL-----

MUD-----

WATER-----

OTHER-----

PRESSURE-----

Rw-----

CHLORIDES-----

ML.

ML.

ML.

PSI

OHMS @

DEGREES F

ppm.

COMMENTS:

P.O. SUB
C.O. SUB Top of tool @ 3815

S.I. TOOL Sterling 3821

HMV Sterling 3826

JARS no

SAFETY JOINT Bowen 3828

PACKER Top 3832

PACKER Bottom 3837

DEPTH 3837

STUBB 1 ft. 3838

ANCHOR

perfs

Alpine rec. @3843

T.C.
DEPTH

14 ft. perfs to 3852

AK-1 rec. @3854

BULLNOSE 5' Perforated to 3857
T.D.

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
 TEST: 10585 DST#3 GREEN#1 KENNETH S. WHITE
 DATE: 12/09/97 TIME: 10:12:15

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	85.50	1885.7	0.0	99.68		
***** Start Flow 1	0.00	13.5	0.0	100.46		
	0.50	12.9	-0.7	100.55		
	1.00	13.2	-0.3	100.67		
	1.50	14.5	1.0	100.81		
	2.00	14.0	0.5	100.97		
	2.50	14.1	0.5	101.12		
	3.00	14.7	1.2	101.27		
	3.50	14.7	1.1	101.40		
	4.00	15.1	1.5	101.53		
	4.50	15.6	2.1	101.64		
	5.00	15.7	2.2	101.74		
	5.50	16.5	3.0	101.84		
	6.00	16.6	3.1	101.92		
	6.50	17.1	3.5	101.99		
	7.00	16.8	3.3	102.06		
	7.50	17.3	3.8	102.13		
	8.00	17.3	3.8	102.20		
	8.50	17.7	4.2	102.26		
	9.00	17.4	3.9	102.32		
	9.50	18.0	4.5	102.38		
	10.00	17.8	4.2	102.43		
	10.50	18.1	4.5	102.49		
	11.00	18.1	4.6	102.55		
	11.50	18.3	4.8	102.60		
	12.00	18.4	4.9	102.65		
	12.50	18.4	4.9	102.72		
	13.00	18.6	5.1	102.77		
	13.50	18.6	5.1	102.83		
	14.00	18.7	5.2	102.89		
	14.50	18.7	5.2	102.95		
	15.00	18.9	5.4	103.01		
	15.50	18.9	5.4	103.07		
	16.00	19.1	5.6	103.13		
	16.50	19.2	5.7	103.20		
	17.00	19.2	5.6	103.26		
	17.50	19.4	5.9	103.33		
	18.00	19.3	5.8	103.39		
	18.50	19.6	6.0	103.46		
	19.00	19.5	6.0	103.53		
	19.50	19.6	6.1	103.60		
	20.00	19.7	6.2	103.67		
	20.50	19.8	6.2	103.74		
	21.00	19.8	6.3	103.82		
	21.50	19.9	6.4	103.89		
	22.00	20.2	6.7	103.96		
	22.50	20.1	6.5	104.04		
	23.00	20.2	6.6	104.12		
	23.50	20.3	6.8	104.20		
	24.00	20.4	6.8	104.28		
	24.50	20.5	6.9	104.37		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10585 DST#3 GREEN#1 KENNETH S. WHITE

DATE: 12/09/97 TIME: 10:12:15

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	25.00	20.7	7.1	104.44		
	25.50	20.5	7.0	104.53		
	26.00	20.8	7.3	104.61		
	26.50	20.8	7.2	104.69		
***** End Flow 1	27.00	21.0	7.5	104.78		
***** Start Shutin 1	0.00	21.0	0.0	104.78	0.0000	0.000
	0.50	28.6	7.6	104.87	55.0000	0.001
	1.00	38.4	17.4	104.95	28.0000	0.001
	1.50	47.9	26.9	105.04	19.0000	0.002
	2.00	57.2	36.2	105.13	14.5000	0.003
	2.50	66.4	45.4	105.22	11.8000	0.004
	3.00	75.5	54.4	105.30	10.0000	0.006
	3.50	84.3	63.3	105.39	8.7143	0.007
	4.00	93.0	72.0	105.47	7.7500	0.009
	4.50	101.5	80.5	105.56	7.0000	0.010
	5.00	109.9	88.8	105.64	6.4000	0.012
	5.50	118.1	97.1	105.72	5.9091	0.014
	6.00	126.1	105.1	105.80	5.5000	0.016
	6.50	134.0	113.0	105.88	5.1538	0.018
	7.00	141.7	120.7	105.96	4.8571	0.020
	7.50	149.4	128.3	106.03	4.6000	0.022
	8.00	156.9	135.9	106.11	4.3750	0.025
	8.50	164.3	143.3	106.18	4.1765	0.027
	9.00	171.6	150.6	106.26	4.0000	0.029
	9.50	178.9	157.9	106.33	3.8421	0.032
	10.00	186.1	165.0	106.39	3.7000	0.035
	10.50	193.1	172.1	106.46	3.5714	0.037
	11.00	200.0	178.9	106.52	3.4545	0.040
	11.50	206.9	185.9	106.58	3.3478	0.043
	12.00	213.6	192.6	106.63	3.2500	0.046
	12.50	220.3	199.3	106.69	3.1600	0.049
	13.00	227.0	205.9	106.75	3.0769	0.052
	13.50	233.4	212.4	106.81	3.0000	0.054
	14.00	239.9	218.8	106.87	2.9286	0.058
	14.50	246.3	225.2	106.91	2.8621	0.061
	15.00	252.5	231.5	106.97	2.8000	0.064
	15.50	258.8	237.7	107.01	2.7419	0.067
	16.00	264.8	243.8	107.07	2.6875	0.070
	16.50	270.9	249.8	107.11	2.6364	0.073
	17.00	276.8	255.7	107.16	2.5882	0.077
	17.50	282.6	261.6	107.21	2.5429	0.080
	18.00	288.4	267.4	107.25	2.5000	0.083
	18.50	294.1	273.1	107.30	2.4595	0.087
	19.00	299.8	278.8	107.34	2.4211	0.090
	19.50	305.4	284.3	107.38	2.3846	0.093
	20.00	310.9	289.9	107.43	2.3500	0.097
	20.50	316.3	295.2	107.46	2.3171	0.100
	21.00	321.7	300.6	107.51	2.2857	0.103
	21.50	327.0	306.0	107.55	2.2558	0.107
	22.00	332.3	311.2	107.59	2.2273	0.110
	22.50	337.4	316.4	107.63	2.2000	0.114

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10585 DST#3 GREEN#1 KENNETH S. WHITE

DATE: 12/09/97

TIME: 10:12:15

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
23.00	342.6	321.5	107.67	2.1739	0.117
23.50	347.7	326.6	107.70	2.1489	0.121
24.00	352.7	331.7	107.75	2.1250	0.124
24.50	357.7	336.7	107.78	2.1020	0.128
25.00	362.6	341.6	107.82	2.0800	0.132
25.50	367.5	346.5	107.86	2.0588	0.135
26.00	372.3	351.3	107.90	2.0385	0.139
26.50	377.0	356.0	107.93	2.0189	0.142
27.00	381.8	360.8	107.97	2.0000	0.146
27.50	386.4	365.4	108.00	1.9818	0.149
28.00	391.1	370.0	108.04	1.9643	0.153
28.50	395.6	374.6	108.08	1.9474	0.157
29.00	400.1	379.1	108.11	1.9310	0.160
29.50	404.6	383.6	108.15	1.9153	0.164
30.00	409.0	388.0	108.18	1.9000	0.167
30.50	413.4	392.4	108.21	1.8852	0.171
31.00	417.7	396.7	108.24	1.8710	0.174
31.50	421.9	400.9	108.29	1.8571	0.178
32.00	426.1	405.1	108.32	1.8438	0.182
32.50	430.3	409.3	108.35	1.8308	0.185
33.00	434.4	413.4	108.38	1.8182	0.189
33.50	438.5	417.5	108.41	1.8060	0.192
34.00	442.6	421.5	108.45	1.7941	0.196
34.50	446.6	425.6	108.48	1.7826	0.199
35.00	450.6	429.5	108.52	1.7714	0.203
35.50	454.5	433.4	108.54	1.7606	0.207
36.00	458.4	437.3	108.57	1.7500	0.210
36.50	462.2	441.2	108.60	1.7397	0.214
37.00	466.1	445.0	108.63	1.7297	0.217
37.50	469.8	448.8	108.66	1.7200	0.221
38.00	473.6	452.5	108.69	1.7105	0.224
38.50	477.3	456.2	108.72	1.7013	0.228
39.00	481.0	460.0	108.75	1.6923	0.231
39.50	484.6	463.6	108.78	1.6835	0.235
40.00	488.3	467.2	108.81	1.6750	0.238
40.50	491.9	470.8	108.84	1.6667	0.242
41.00	495.4	474.3	108.87	1.6585	0.245
41.50	498.9	477.9	108.90	1.6506	0.249
42.00	502.4	481.3	108.92	1.6429	0.252
42.50	505.8	484.8	108.95	1.6353	0.256
43.00	509.3	488.2	108.98	1.6279	0.259
43.50	512.7	491.6	109.00	1.6207	0.263
44.00	516.0	495.0	109.03	1.6136	0.266
44.50	519.3	498.3	109.06	1.6067	0.270
45.00	522.6	501.5	109.08	1.6000	0.273
45.50	525.8	504.8	109.11	1.5934	0.276
46.00	529.0	508.0	109.13	1.5870	0.280
46.50	532.2	511.2	109.16	1.5806	0.283
47.00	535.4	514.4	109.19	1.5745	0.287
47.50	538.5	517.5	109.21	1.5684	0.290
48.00	541.6	520.6	109.23	1.5625	0.293

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10585 DST#3 GREEN#1 KENNETH S. WHITE

DATE: 12/09/97

TIME: 10:12:15

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	48.50	544.6	523.6	109.26	1.5567	0.297
	49.00	547.7	526.7	109.28	1.5510	0.300
	49.50	550.8	529.7	109.30	1.5455	0.303
	50.00	553.7	532.7	109.33	1.5400	0.307
	50.50	556.7	535.7	109.35	1.5347	0.310
	51.00	559.7	538.7	109.37	1.5294	0.313
	51.50	562.6	541.6	109.40	1.5243	0.317
	52.00	565.5	544.5	109.42	1.5192	0.320
	52.50	568.4	547.4	109.44	1.5143	0.323
	53.00	571.3	550.2	109.46	1.5094	0.326
	53.50	574.1	553.1	109.48	1.5047	0.330
	54.00	576.9	555.8	109.51	1.5000	0.333
	54.50	579.7	558.7	109.53	1.4954	0.336
***** End Shut-in 1	55.00	582.5	561.4	109.55	1.4909	0.339
***** Start Flow 2	0.00	20.6	0.0	109.57		
	0.50	21.3	0.8	109.58		
	1.00	21.7	1.2	109.58		
	1.50	21.9	1.4	109.60		
	2.00	22.0	1.5	109.61		
	2.50	22.3	1.7	109.62		
	3.00	22.3	1.8	109.64		
	3.50	22.5	1.9	109.66		
	4.00	22.5	2.0	109.69		
	4.50	22.5	1.9	109.72		
	5.00	22.7	2.2	109.76		
	5.50	22.8	2.2	109.80		
	6.00	22.8	2.3	109.84		
	6.50	22.9	2.3	109.88		
	7.00	23.1	2.5	109.93		
	7.50	23.3	2.8	109.97		
	8.00	23.2	2.6	110.02		
	8.50	23.2	2.6	110.06		
	9.00	23.4	2.8	110.10		
	9.50	23.4	2.9	110.16		
	10.00	23.5	3.0	110.20		
	10.50	23.7	3.1	110.25		
	11.00	23.5	3.0	110.30		
	11.50	23.6	3.0	110.34		
	12.00	23.7	3.2	110.39		
	12.50	23.8	3.3	110.44		
	13.00	23.8	3.3	110.48		
	13.50	23.9	3.3	110.53		
	14.00	23.9	3.3	110.57		
	14.50	24.1	3.6	110.62		
	15.00	24.2	3.7	110.66		
	15.50	24.2	3.6	110.71		
	16.00	24.7	4.1	110.75		
	16.50	24.4	3.8	110.80		
	17.00	24.4	3.8	110.84		
	17.50	24.4	3.9	110.88		
	18.00	24.8	4.2	110.93		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10585 DST#3 GREEN#1 KENNETH S. WHITE

DATE: 12/09/97 TIME: 10:12:15

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
18.50	24.6	4.1	110.97		
19.00	24.6	4.1	111.00		
19.50	24.8	4.3	111.05		
20.00	25.0	4.4	111.09		
20.50	24.8	4.3	111.13		
21.00	24.9	4.4	111.17		
21.50	25.1	4.5	111.20		
22.00	25.0	4.5	111.24		
22.50	25.2	4.6	111.28		
23.00	25.3	4.7	111.31		
23.50	25.3	4.8	111.35		
24.00	25.3	4.7	111.38		
24.50	25.5	4.9	111.41		
25.00	25.5	4.9	111.44		
25.50	25.5	4.9	111.47		
26.00	25.5	5.0	111.50		
26.50	25.6	5.0	111.53		
27.00	25.7	5.1	111.56		
27.50	25.6	5.1	111.59		
28.00	25.8	5.2	111.62		
28.50	25.8	5.3	111.65		
29.00	26.0	5.4	111.67		
29.50	26.0	5.4	111.69		
30.00	26.1	5.6	111.72		
30.50	26.3	5.7	111.74		
31.00	26.5	5.9	111.76		
31.50	26.6	6.0	111.79		
32.00	26.6	6.0	111.81		
32.50	26.6	6.1	111.83		
33.00	26.8	6.2	111.85		
33.50	26.7	6.1	111.88		
34.00	26.7	6.2	111.91		
34.50	27.0	6.4	111.92		
35.00	27.0	6.5	111.94		
35.50	27.1	6.5	111.97		
36.00	27.0	6.5	111.98		
36.50	26.9	6.3	112.01		
37.00	27.0	6.4	112.03		
37.50	27.0	6.5	112.04		
38.00	27.2	6.6	112.06		
38.50	27.1	6.6	112.08		
39.00	27.3	6.7	112.10		
39.50	27.3	6.8	112.12		
40.00	27.3	6.8	112.14		
40.50	27.4	6.8	112.16		
41.00	27.6	7.0	112.18		
41.50	27.6	7.1	112.20		
42.00	27.6	7.1	112.21		
42.50	27.7	7.1	112.23		
43.00	27.7	7.1	112.25		
43.50	27.8	7.2	112.27		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10585 DST#3 GREEN#1 KENNETH S. WHITE

DATE: 12/09/97

TIME: 10:12:15

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	44.00	27.8	7.3	112.29		
	44.50	27.9	7.3	112.31		
	45.00	27.9	7.4	112.33		
	45.50	28.0	7.5	112.34		
	46.00	28.1	7.6	112.36		
	46.50	28.3	7.7	112.38		
	47.00	28.2	7.7	112.40		
	47.50	28.3	7.8	112.42		
	48.00	28.2	7.7	112.43		
	48.50	28.3	7.7	112.45		
	49.00	28.4	7.8	112.47		
	49.50	28.4	7.9	112.49		
	50.00	28.5	7.9	112.51		
	50.50	28.6	8.1	112.52		
	51.00	28.6	8.0	112.54		
	51.50	28.6	8.1	112.56		
	52.00	28.7	8.2	112.58		
	52.50	28.8	8.2	112.60		
	53.00	28.9	8.3	112.61		
	53.50	28.9	8.4	112.63		
	54.00	28.8	8.3	112.65		
	54.50	28.9	8.4	112.67		
	55.00	29.0	8.5	112.68		
	55.50	29.1	8.5	112.70		
	56.00	29.3	8.7	112.72		
	56.50	29.2	8.7	112.74		
	57.00	29.3	8.8	112.75		
	57.50	29.1	8.6	112.77		
	58.00	29.4	8.8	112.79		
***** End Flow 2	58.50	29.5	8.9	112.80		
***** Start Shutin 2	0.00	29.5	0.0	112.80	0.0000	0.001
	0.50	36.7	7.2	112.82	172.0000	0.001
	1.00	43.6	14.1	112.84	86.5000	0.002
	1.50	50.3	20.8	112.85	58.0000	0.003
	2.00	56.8	27.3	112.87	43.7500	0.003
	2.50	63.1	33.7	112.88	35.2000	0.004
	3.00	69.5	40.0	112.90	29.5000	0.005
	3.50	75.7	46.2	112.92	25.4286	0.006
	4.00	81.7	52.3	112.94	22.3750	0.007
	4.50	87.7	58.2	112.96	20.0000	0.008
	5.00	93.6	64.1	112.97	18.1000	0.009
	5.50	99.3	69.9	112.99	16.5455	0.01
	6.00	105.0	75.5	113.01	15.2500	0.011
	6.50	110.5	81.0	113.03	14.1538	0.012
	7.00	115.9	86.4	113.04	13.2143	0.013
	7.50	121.2	91.7	113.05	12.4000	0.015
	8.00	126.5	97.0	113.07	11.6875	0.016
	8.50	131.8	102.3	113.09	11.0588	0.017
	9.00	136.9	107.4	113.10	10.5000	0.019
	9.50	142.0	112.5	113.11	10.0000	0.020
	10.00	147.0	117.5	113.13	9.5500	0.022

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10585 DST#3 GREEN#1 KENNETH S. WHITE

DATE: 12/09/97

TIME: 10:12:15

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
10.50	152.1	122.6	113.14	9.1429	0.023
11.00	156.9	127.4	113.15	8.7727	0.025
11.50	161.6	132.2	113.17	8.4348	0.026
12.00	166.4	136.9	113.18	8.1250	0.028
12.50	171.2	141.7	113.19	7.8400	0.029
13.00	175.9	146.4	113.21	7.5769	0.031
13.50	180.5	151.1	113.23	7.3333	0.033
14.00	185.1	155.6	113.23	7.1071	0.034
14.50	189.5	160.0	113.24	6.8966	0.036
15.00	193.9	164.4	113.26	6.7000	0.038
15.50	198.2	168.7	113.27	6.5161	0.039
16.00	202.5	173.1	113.28	6.3438	0.041
16.50	206.8	177.3	113.30	6.1818	0.043
17.00	211.0	181.5	113.31	6.0294	0.045
17.50	215.1	185.6	113.32	5.8857	0.046
18.00	219.2	189.7	113.34	5.7500	0.048
18.50	223.2	193.7	113.34	5.6216	0.050
19.00	227.2	197.7	113.36	5.5000	0.052
19.50	231.1	201.6	113.37	5.3846	0.053
20.00	234.8	205.4	113.38	5.2750	0.055
20.50	238.7	209.2	113.39	5.1707	0.057
21.00	242.5	213.0	113.41	5.0714	0.059
21.50	246.2	216.7	113.43	4.9767	0.061
22.00	249.9	220.5	113.44	4.8864	0.062
22.50	253.5	224.0	113.45	4.8000	0.064
23.00	257.1	227.6	113.46	4.7174	0.066
23.50	260.7	231.2	113.47	4.6383	0.068
24.00	264.2	234.7	113.48	4.5625	0.070
24.50	267.6	238.1	113.50	4.4898	0.072
25.00	271.0	241.5	113.51	4.4200	0.073
25.50	274.4	244.9	113.52	4.3529	0.075
26.00	277.8	248.3	113.53	4.2885	0.077
26.50	281.1	251.6	113.54	4.2264	0.079
27.00	284.4	254.9	113.56	4.1667	0.081
27.50	287.6	258.2	113.57	4.1091	0.083
28.00	290.9	261.4	113.58	4.0536	0.085
28.50	294.1	264.6	113.60	4.0000	0.086
29.00	297.2	267.7	113.61	3.9483	0.088
29.50	300.3	270.8	113.62	3.8983	0.090
30.00	303.5	274.0	113.63	3.8500	0.092
30.50	306.5	277.0	113.64	3.8033	0.094
31.00	309.5	280.1	113.65	3.7581	0.096
31.50	312.5	283.0	113.67	3.7143	0.098
32.00	315.5	286.0	113.68	3.6719	0.10
32.50	318.4	289.0	113.69	3.6308	0.101
33.00	321.3	291.8	113.70	3.5909	0.103
33.50	324.2	294.7	113.71	3.5522	0.105
34.00	327.1	297.6	113.73	3.5147	0.107
34.50	329.9	300.4	113.74	3.4783	0.109
35.00	332.8	303.3	113.75	3.4429	0.111
35.50	335.6	306.2	113.76	3.4085	0.113

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10585 DST#3 GREEN#1 KENNETH S. WHITE

DATE: 12/09/97

TIME: 10:12:15

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
36.00	338.3	308.8	113.77	3.3750	0.114
36.50	341.0	311.5	113.79	3.3425	0.116
37.00	343.8	314.3	113.80	3.3108	0.118
37.50	346.5	317.0	113.82	3.2800	0.120
38.00	349.1	319.6	113.82	3.2500	0.122
38.50	351.8	322.3	113.83	3.2208	0.124
39.00	354.4	324.9	113.85	3.1923	0.126
39.50	357.0	327.5	113.86	3.1646	0.127
40.00	359.6	330.1	113.87	3.1375	0.129
40.50	362.2	332.7	113.88	3.1111	0.131
41.00	364.7	335.2	113.89	3.0854	0.133
41.50	367.2	337.7	113.91	3.0602	0.135
42.00	369.7	340.2	113.92	3.0357	0.137
42.50	372.2	342.7	113.93	3.0118	0.138
43.00	374.6	345.1	113.95	2.9884	0.140
43.50	377.0	347.6	113.96	2.9655	0.142
44.00	379.4	350.0	113.97	2.9432	0.144
44.50	381.9	352.4	113.98	2.9213	0.146
45.00	384.2	354.8	113.99	2.9000	0.148
45.50	386.6	357.1	114.01	2.8791	0.149
46.00	388.9	359.4	114.02	2.8587	0.151
46.50	391.2	361.7	114.03	2.8387	0.153
47.00	393.5	364.0	114.04	2.8191	0.155
47.50	395.8	366.3	114.06	2.8000	0.157
48.00	398.0	368.5	114.06	2.7812	0.158
48.50	400.3	370.8	114.08	2.7629	0.160
49.00	402.5	373.0	114.09	2.7449	0.162
49.50	404.8	375.3	114.10	2.7273	0.164
50.00	407.0	377.5	114.11	2.7100	0.166
50.50	409.1	379.7	114.13	2.6931	0.167
51.00	411.4	381.9	114.14	2.6765	0.169
51.50	413.5	384.0	114.15	2.6602	0.171
52.00	415.7	386.2	114.17	2.6442	0.173
52.50	417.8	388.3	114.18	2.6286	0.175
53.00	420.0	390.5	114.19	2.6132	0.176
53.50	422.1	392.6	114.20	2.5981	0.178
54.00	424.2	394.7	114.21	2.5833	0.180
54.50	426.2	396.7	114.23	2.5688	0.182
55.00	428.3	398.9	114.24	2.5545	0.183
55.50	430.4	400.9	114.25	2.5405	0.185
56.00	432.4	402.9	114.27	2.5268	0.187
56.50	434.4	404.9	114.28	2.5133	0.189
57.00	436.4	406.9	114.29	2.5000	0.190
57.50	438.4	409.0	114.30	2.4870	0.192
58.00	440.4	410.9	114.31	2.4741	0.194
58.50	442.4	412.9	114.33	2.4615	0.196
59.00	444.3	414.9	114.34	2.4492	0.197
59.50	446.3	416.8	114.35	2.4370	0.199
60.00	448.2	418.7	114.36	2.4250	0.201
60.50	450.1	420.6	114.38	2.4132	0.203
61.00	452.1	422.6	114.39	2.4016	0.204

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10585 DST#3 GREEN#1 KENNETH S. WHITE

DATE: 12/09/97

TIME: 10:12:15

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	61.50	454.0	424.5	114.40	2.3902	0.206
	62.00	455.8	426.4	114.41	2.3790	0.208
	62.50	457.7	428.2	114.43	2.3680	0.209
	63.00	459.5	430.1	114.44	2.3571	0.211
	63.50	461.5	432.0	114.45	2.3465	0.213
	64.00	463.3	433.8	114.46	2.3359	0.215
	64.50	465.2	435.7	114.48	2.3256	0.216
	65.00	467.0	437.5	114.49	2.3154	0.218
	65.50	468.8	439.4	114.50	2.3053	0.220
***** End Shut-in 2	66.00	459.6	430.1	114.51	2.2955	0.211
***** Final Hydro.	298.50	1852.3	0.0	114.65		

TEST HISTORY

10585 DST#3 GREEN#1 KENNETH S. WHITE

Flag Points

	t (Min.)	P (PSig)
A:	0.00	1885.73
B:	0.00	13.52
C:	27.00	21.03
D:	55.00	582.46
E:	0.00	20.55
F:	58.50	29.48
G:	66.00	459.63
Q:	0.00	1852.26

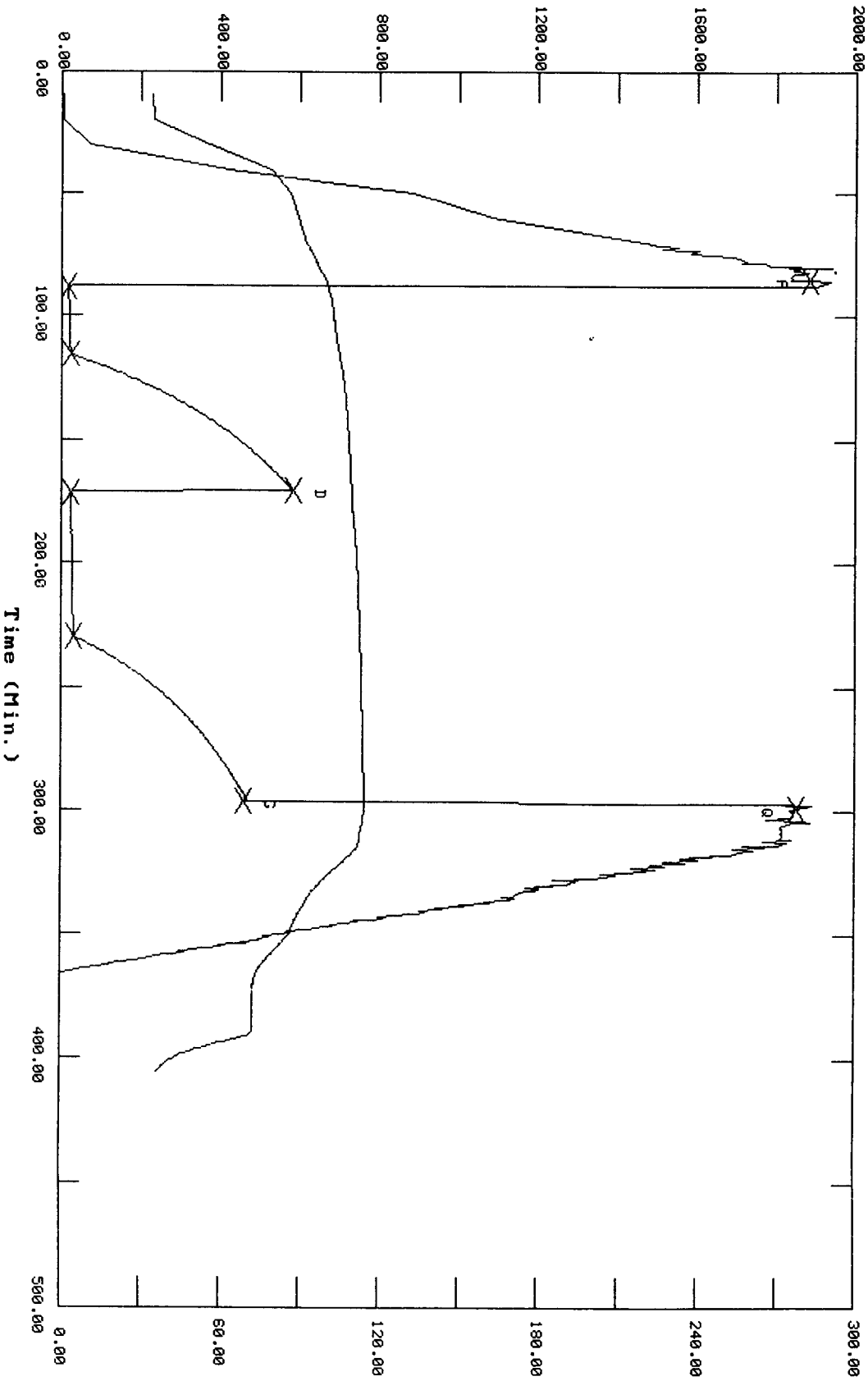
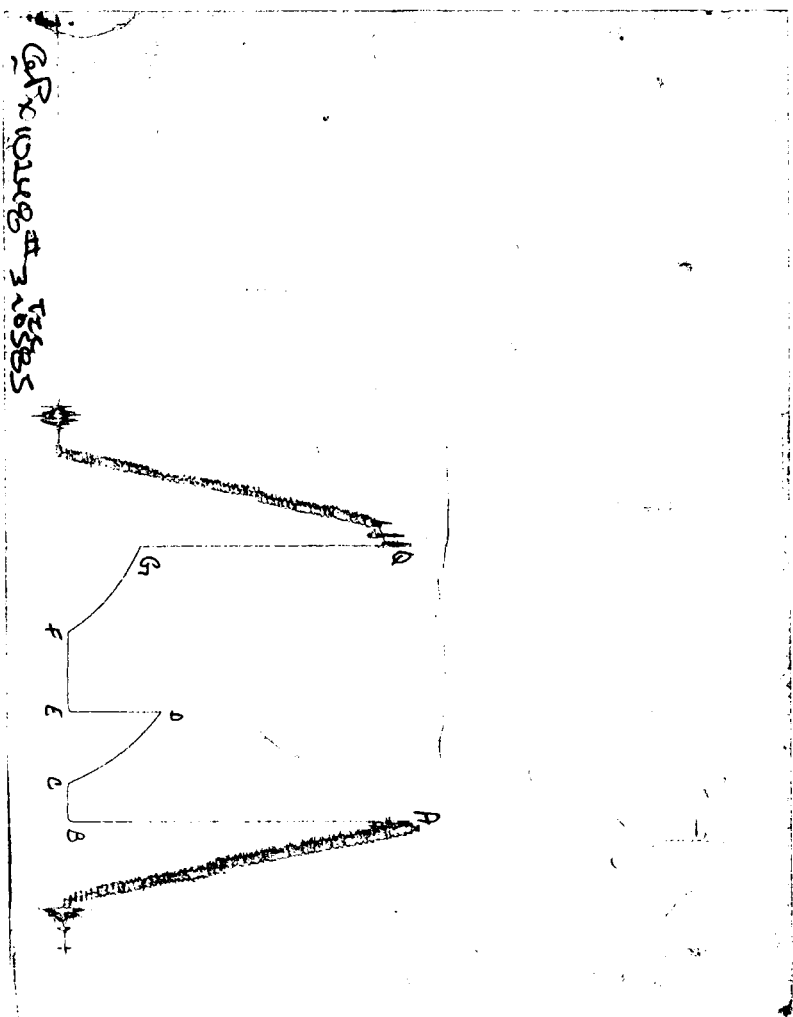


CHART PAGE



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

TRILOBITE TESTING L.L.C.

PERATOR : Kenneth S. White

DATE 12-11-97

ELL NAME: Green #1

KB 1907.00 ft

TICKET NO: 10586 DST #4

LOCATION : 33-26S-12W Pratt Co. KS

GR 1902.00 ft

FORMATION: Simpson

INTERVAL : 4220.00 To 4236.00 ft

TD 4236.00 ft

TEST TYPE: CONVENTIONAL

REORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
30	Rec.	10248	10248	3030			PF Fr. 0226 to 0256 hr
60	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 0256 to 0356 hr
60	Clock(hrs)	12hr.	12hr.	Batt.			SF Fr. 0356 to 0456 hr
60	Depth(ft)	4233.0	4233.0	4226.0	0.0	0.0	FS Fr. 0456 to 0556 hr

	Field	1	2	3	4	
Init Hydro	2107.0	2125.0	2061.0	0.0	0.0	T STARTED 0039 hr
First Flow	14.0	35.0	18.0	0.0	0.0	T ON BOTM 0222 hr
Final Flow	17.0	39.0	23.0	0.0	0.0	T OPEN 0226 hr
In Shut-in	508.0	517.0	522.0	0.0	0.0	T PULLED 0556 hr
Init Flow	21.0	38.0	25.0	0.0	0.0	T OUT 0800 hr
Final Flow	25.0	45.0	35.0	0.0	0.0	
Fl Shut-in	473.0	480.0	476.0	0.0	0.0	TOOL DATA-----
Final Hydro	2107.0	2048.0	2069.0	0.0	0.0	Tool Wt. 2100.00 lbs
side/Outside	O	O	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 65000.00 lbs
						Initial Str Wt 50000.00 lbs
						Unseated Str Wt 50000.00 lbs

RECOVERY

Fluid	55.00 ft of	0.00 ft in DC and	55.00 ft in DP	
0.00	ft of Gas in pipe.			Bot Choke 0.75 in
0.00	ft of Clean oil.			Hole Size 7.88 in
0.00	ft of Heavy Oil Cut Mud 36%O 64%M			D Col. ID 2.25 in
0.00	ft of			D. Pipe ID 3.80 in
0.00	ft of			D.C. Length 0.00 ft
0.00	ft of			D.P. Length 4226.00 ft
0.00	ft of Rw n/c ohms @ degrees F.			
0.00	ft of EST. FT. OF PAY-----5			
CLINITY	7000.00 P.P.M.	A.P.I. Gravity	38.00	

LOW DESCRIPTION

Initial Flow: Weak to fair blow.
1 - 5" in bucket.

Initial Shutin: No blow.

Final Flow: Fair to strong blow.
8 - 10" in bucket.

Final Shutin: No blow.

MPLES: none

NT TO:Caraway / Liberal Ks

Test Successful: Y

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/cf
Vis.	45.00 S/L
W.L.	11.20 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	121.00 F
Hole Condition	good
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Tom Robinson
Contr.	White & Ellis
Rig #	8
Unit #	
Pump T.	LCM trace

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Green #1

LOCATION : 33-26S-12W Pratt Co. KS

TICKET No. 10586 D.S.T. No. 4 DATE 12-11-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 16

TOTAL TOOL 38

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 38

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands60 Single Total 4226

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4264

TOTAL DEPTH 4236

TOTAL DRILL PIPE ABOVE K.B. 28

REMARKS:

FLUID SAMPLER DATA (not run)

GAS-----

OIL-----

MUD-----

WATER-----

OTHER-----

PRESSURE-----

Rw-----

CHLORIDES-----

COMMENTS:

P.O. SUB	
C.O. SUB Top of tool @	4198
S.I. TOOL Sterling	4204
HMV Sterling	4209
JARS no	
SAFETY JOINT Bowen	4211
PACKER Top	4215
PACKER Bottom	4220
DEPTH 4220	
STUBB 1 ft.	4221
ANCHOR	
perfs	
Alpine rec. @4226	
T.C. DEPTH	
10 ft. perfs to	4231
AK-1 rec. @4233	
BULLNOSE 5' Perforated to	4236
T.D.	

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10586 DST#4 GREEN#1 KENNETH S. WHITE

DATE: 12/11/97

TIME: 00:39:16

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	99.00	2061.4	0.0	105.19		
***** Start Flow 1	0.00	17.6	0.0	107.86		
	0.50	17.8	0.2	108.03		
	1.00	18.4	0.8	108.17		
	1.50	18.7	1.1	108.30		
	2.00	19.1	1.5	108.40		
	2.50	19.6	2.0	108.50		
	3.00	20.2	2.6	108.58		
	3.50	21.0	3.4	108.67		
	4.00	21.9	4.3	108.74		
	4.50	21.2	3.6	108.80		
	5.00	17.7	0.1	108.87		
	5.50	16.7	-0.9	108.93		
	6.00	18.1	0.5	108.99		
	6.50	17.8	0.2	109.05		
	7.00	18.0	0.4	109.11		
	7.50	17.9	0.3	109.16		
	8.00	17.5	-0.1	109.22		
	8.50	18.4	0.8	109.28		
	9.00	17.7	0.1	109.33		
	9.50	18.1	0.5	109.38		
	10.00	18.1	0.5	109.45		
	10.50	18.2	0.6	109.50		
	11.00	18.3	0.7	109.55		
	11.50	18.5	0.9	109.60		
	12.00	18.6	1.0	109.66		
	12.50	18.7	1.1	109.72		
	13.00	18.9	1.3	109.77		
	13.50	19.1	1.5	109.83		
	14.00	19.1	1.5	109.88		
	14.50	19.2	1.6	109.93		
	15.00	19.4	1.8	109.99		
	15.50	19.5	1.9	110.04		
	16.00	19.6	2.0	110.10		
	16.50	19.7	2.0	110.16		
	17.00	19.8	2.1	110.21		
	17.50	19.9	2.2	110.27		
	18.00	20.0	2.4	110.32		
	18.50	20.1	2.5	110.38		
	19.00	20.1	2.5	110.43		
	19.50	20.3	2.6	110.49		
	20.00	20.3	2.7	110.55		
	20.50	20.4	2.8	110.60		
	21.00	20.5	2.9	110.65		
	21.50	20.6	3.0	110.71		
	22.00	20.7	3.1	110.76		
	22.50	20.8	3.2	110.82		
	23.00	20.9	3.3	110.87		
	23.50	21.0	3.4	110.92		
	24.00	21.0	3.4	110.98		
	24.50	21.2	3.6	111.04		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10586 DST#4 GREEN#1 KENNETH S. WHITE

DATE: 12/11/97

TIME: 00:39:16

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	25.00	21.3	3.6	111.09		
	25.50	21.3	3.7	111.14		
	26.00	21.5	3.9	111.19		
	26.50	21.5	3.9	111.24		
	27.00	21.6	4.0	111.29		
	27.50	21.7	4.1	111.35		
	28.00	21.9	4.2	111.40		
	28.50	21.9	4.3	111.46		
	29.00	22.0	4.4	111.50		
	29.50	22.1	4.4	111.56		
	30.00	22.2	4.6	111.61		
	30.50	22.3	4.7	111.66		
	31.00	22.4	4.8	111.71		
***** End Flow 1	31.50	22.6	4.9	111.76		
***** Start Shutin 1	0.00	22.6	0.0	111.76	0.0000	0.001
	0.50	27.3	4.8	111.81	64.0000	0.001
	1.00	31.8	9.3	111.86	32.5000	0.001
	1.50	36.1	13.6	111.91	22.0000	0.001
	2.00	40.3	17.8	111.96	16.7500	0.002
	2.50	44.5	21.9	112.01	13.6000	0.002
	3.00	48.7	26.1	112.06	11.5000	0.002
	3.50	52.9	30.4	112.12	10.0000	0.003
	4.00	57.2	34.7	112.17	8.8750	0.003
	4.50	61.6	39.1	112.22	8.0000	0.004
	5.00	66.3	43.7	112.28	7.3000	0.004
	5.50	71.0	48.4	112.33	6.7273	0.005
	6.00	75.8	53.2	112.38	6.2500	0.006
	6.50	80.7	58.2	112.43	5.8462	0.007
	7.00	86.0	63.5	112.49	5.5000	0.007
	7.50	91.8	69.3	112.54	5.2000	0.008
	8.00	98.1	75.6	112.59	4.9375	0.01
	8.50	105.2	82.6	112.64	4.7059	0.011
	9.00	112.9	90.3	112.69	4.5000	0.013
	9.50	121.2	98.7	112.73	4.3158	0.015
	10.00	130.4	107.9	112.79	4.1500	0.017
	10.50	140.4	117.9	112.83	4.0000	0.020
	11.00	151.3	128.8	112.88	3.8636	0.023
	11.50	162.9	140.4	112.93	3.7391	0.027
	12.00	175.4	152.9	112.98	3.6250	0.031
	12.50	188.3	165.7	113.02	3.5200	0.035
	13.00	202.3	179.7	113.07	3.4231	0.041
	13.50	216.7	194.1	113.12	3.3333	0.047
	14.00	231.4	208.9	113.16	3.2500	0.054
	14.50	246.3	223.7	113.22	3.1724	0.061
	15.00	261.0	238.4	113.26	3.1000	0.068
	15.50	275.6	253.0	113.32	3.0323	0.076
	16.00	289.8	267.2	113.36	2.9688	0.084
	16.50	303.5	280.9	113.40	2.9091	0.092
	17.00	316.6	294.0	113.45	2.8529	0.100
	17.50	329.1	306.5	113.50	2.8000	0.108
	18.00	340.8	318.3	113.54	2.7500	0.116

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10586 DST#4 GREEN#1 KENNETH S. WHITE

DATE: 12/11/97

TIME: 00:39:16

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
18.50	351.8	329.2	113.59	2.7027	0.124
19.00	362.1	339.5	113.64	2.6579	0.131
19.50	371.6	349.1	113.68	2.6154	0.138
20.00	380.5	357.9	113.73	2.5750	0.145
20.50	388.7	366.1	113.78	2.5366	0.151
21.00	396.2	373.7	113.82	2.5000	0.157
21.50	403.3	380.7	113.86	2.4651	0.163
22.00	409.7	387.2	113.91	2.4318	0.168
22.50	415.6	393.1	113.95	2.4000	0.173
23.00	421.0	398.5	113.99	2.3696	0.177
23.50	426.0	403.5	114.03	2.3404	0.181
24.00	430.6	408.1	114.07	2.3125	0.185
24.50	434.8	412.3	114.11	2.2857	0.189
25.00	438.7	416.2	114.16	2.2600	0.192
25.50	442.4	419.8	114.20	2.2353	0.196
26.00	445.7	423.2	114.23	2.2115	0.199
26.50	448.9	426.4	114.27	2.1887	0.202
27.00	451.9	429.3	114.31	2.1667	0.204
27.50	454.6	432.1	114.35	2.1455	0.207
28.00	457.2	434.7	114.39	2.1250	0.209
28.50	459.7	437.2	114.42	2.1053	0.211
29.00	462.1	439.5	114.46	2.0862	0.213
29.50	464.3	441.7	114.50	2.0678	0.216
30.00	466.3	443.8	114.53	2.0500	0.217
30.50	468.3	445.8	114.57	2.0328	0.219
31.00	470.3	447.7	114.61	2.0161	0.221
31.50	472.1	449.6	114.64	2.0000	0.223
32.00	473.8	451.3	114.67	1.9844	0.225
32.50	475.5	453.0	114.71	1.9692	0.226
33.00	477.1	454.6	114.75	1.9545	0.228
33.50	478.7	456.1	114.78	1.9403	0.229
34.00	480.2	457.6	114.81	1.9265	0.231
34.50	481.6	459.1	114.84	1.9130	0.232
35.00	483.0	460.5	114.88	1.9000	0.233
35.50	484.3	461.8	114.91	1.8873	0.235
36.00	485.7	463.1	114.95	1.8750	0.236
36.50	486.9	464.4	114.98	1.8630	0.237
37.00	488.1	465.6	115.01	1.8514	0.238
37.50	489.3	466.8	115.04	1.8400	0.239
38.00	490.5	467.9	115.07	1.8289	0.241
38.50	491.6	469.1	115.11	1.8182	0.242
39.00	492.7	470.2	115.14	1.8077	0.243
39.50	493.8	471.2	115.17	1.7975	0.244
40.00	494.9	472.3	115.21	1.7875	0.245
40.50	495.8	473.3	115.24	1.7778	0.246
41.00	496.8	474.3	115.27	1.7683	0.247
41.50	497.8	475.2	115.30	1.7590	0.248
42.00	498.7	476.2	115.33	1.7500	0.249
42.50	499.7	477.1	115.36	1.7412	0.250
43.00	500.6	478.0	115.39	1.7326	0.251
43.50	501.5	478.9	115.42	1.7241	0.251

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10586 DST#4 GREEN#1 KENNETH S. WHITE

DATE: 12/11/97

TIME: 00:39:16

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	44.00	502.3	479.8	115.46	1.7159	0.252
	44.50	503.2	480.6	115.49	1.7079	0.253
	45.00	504.0	481.5	115.52	1.7000	0.254
	45.50	504.8	482.2	115.55	1.6923	0.255
	46.00	505.6	483.0	115.58	1.6848	0.256
	46.50	506.3	483.8	115.61	1.6774	0.256
	47.00	507.1	484.6	115.64	1.6702	0.257
	47.50	507.9	485.3	115.67	1.6632	0.258
	48.00	508.7	486.1	115.70	1.6562	0.259
	48.50	509.4	486.8	115.73	1.6495	0.259
	49.00	510.1	487.5	115.77	1.6429	0.260
	49.50	510.8	488.2	115.79	1.6364	0.261
	50.00	511.5	488.9	115.82	1.6300	0.262
	50.50	512.2	489.6	115.85	1.6238	0.262
	51.00	512.9	490.3	115.87	1.6176	0.263
	51.50	513.5	490.9	115.90	1.6117	0.264
	52.00	514.1	491.6	115.94	1.6058	0.264
	52.50	514.8	492.2	115.97	1.6000	0.265
	53.00	515.4	492.9	115.99	1.5943	0.266
	53.50	516.0	493.5	116.02	1.5888	0.266
	54.00	516.6	494.1	116.05	1.5833	0.267
	54.50	517.2	494.6	116.08	1.5780	0.267
	55.00	517.7	495.2	116.11	1.5727	0.268
	55.50	518.3	495.8	116.14	1.5676	0.269
	56.00	518.9	496.4	116.16	1.5625	0.269
	56.50	519.5	496.9	116.19	1.5575	0.270
	57.00	520.1	497.5	116.22	1.5526	0.270
	57.50	520.6	498.1	116.25	1.5478	0.271
	58.00	521.2	498.6	116.27	1.5431	0.272
***** End Shut-in 1	58.50	521.7	499.1	116.30	1.5385	0.272
***** Start Flow 2	0.00	24.6	0.0	116.33		
	0.50	21.0	-3.6	116.34		
	1.00	22.0	-2.6	116.35		
	1.50	22.8	-1.8	116.35		
	2.00	23.1	-1.5	116.35		
	2.50	23.5	-1.1	116.35		
	3.00	23.9	-0.7	116.35		
	3.50	24.2	-0.4	116.36		
	4.00	24.6	-0.0	116.36		
	4.50	24.8	0.2	116.38		
	5.00	25.3	0.7	116.39		
	5.50	25.9	1.3	116.41		
	6.00	26.0	1.4	116.43		
	6.50	26.1	1.5	116.46		
	7.00	26.3	1.7	116.48		
	7.50	26.5	1.9	116.51		
	8.00	26.7	2.1	116.53		
	8.50	26.8	2.2	116.57		
	9.00	26.9	2.3	116.60		
	9.50	26.9	2.3	116.63		
	10.00	27.1	2.5	116.66		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10586 DST#4 GREEN#1 KENNETH S. WHITE

DATE: 12/11/97

TIME: 00:39:16

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
10.50	27.1	2.5	116.69		
11.00	27.3	2.7	116.73		
11.50	27.4	2.8	116.76		
12.00	27.5	2.9	116.79		
12.50	27.5	2.9	116.83		
13.00	27.8	3.2	116.86		
13.50	27.8	3.2	116.89		
14.00	27.9	3.3	116.92		
14.50	28.0	3.4	116.96		
15.00	28.1	3.5	116.99		
15.50	28.3	3.7	117.03		
16.00	28.4	3.8	117.06		
16.50	28.4	3.8	117.09		
17.00	28.5	3.9	117.13		
17.50	28.7	4.1	117.16		
18.00	28.7	4.1	117.19		
18.50	28.8	4.2	117.22		
19.00	28.9	4.3	117.25		
19.50	29.0	4.4	117.28		
20.00	29.1	4.5	117.31		
20.50	29.2	4.6	117.34		
21.00	29.3	4.7	117.37		
21.50	29.3	4.7	117.40		
22.00	29.5	4.9	117.43		
22.50	29.5	4.9	117.46		
23.00	29.6	5.0	117.49		
23.50	29.6	5.0	117.52		
24.00	29.7	5.1	117.54		
24.50	29.8	5.2	117.57		
25.00	29.8	5.2	117.59		
25.50	29.9	5.3	117.62		
26.00	30.0	5.4	117.65		
26.50	30.1	5.5	117.69		
27.00	30.2	5.6	117.71		
27.50	30.2	5.6	117.74		
28.00	30.3	5.7	117.76		
28.50	30.4	5.8	117.79		
29.00	30.5	5.9	117.82		
29.50	30.6	6.0	117.84		
30.00	30.7	6.1	117.87		
30.50	30.7	6.1	117.90		
31.00	30.7	6.1	117.92		
31.50	30.8	6.2	117.95		
32.00	30.9	6.3	117.98		
32.50	31.0	6.4	118.00		
33.00	31.1	6.5	118.02		
33.50	31.1	6.5	118.05		
34.00	31.2	6.6	118.08		
34.50	31.4	6.8	118.10		
35.00	31.4	6.8	118.13		
35.50	31.4	6.8	118.15		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10586 DST#4 GREEN#1 KENNETH S. WHITE

DATE: 12/11/97

TIME: 00:39:16

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	36.00	31.5	6.9	118.17		
	36.50	31.6	7.0	118.20		
	37.00	31.7	7.1	118.23		
	37.50	31.7	7.1	118.25		
	38.00	31.8	7.2	118.27		
	38.50	31.9	7.3	118.30		
	39.00	32.0	7.4	118.32		
	39.50	32.0	7.5	118.35		
	40.00	32.1	7.5	118.37		
	40.50	32.1	7.5	118.40		
	41.00	32.2	7.6	118.42		
	41.50	32.2	7.7	118.44		
	42.00	32.3	7.7	118.47		
	42.50	32.4	7.8	118.49		
	43.00	32.4	7.9	118.51		
	43.50	32.5	7.9	118.53		
	44.00	32.6	8.0	118.56		
	44.50	32.6	8.1	118.58		
	45.00	32.7	8.1	118.60		
	45.50	32.9	8.3	118.63		
	46.00	32.8	8.3	118.64		
	46.50	32.9	8.3	118.67		
	47.00	33.0	8.4	118.70		
	47.50	33.0	8.5	118.72		
	48.00	33.1	8.5	118.74		
	48.50	33.2	8.6	118.76		
	49.00	33.2	8.6	118.78		
	49.50	33.3	8.7	118.80		
	50.00	33.4	8.8	118.83		
	50.50	33.5	8.9	118.85		
	51.00	33.5	9.0	118.87		
	51.50	33.6	9.0	118.89		
	52.00	33.7	9.1	118.92		
	52.50	33.7	9.1	118.94		
	53.00	33.8	9.2	118.96		
	53.50	33.9	9.3	118.98		
	54.00	33.9	9.3	119.01		
	54.50	33.9	9.3	119.03		
	55.00	34.0	9.4	119.05		
	55.50	34.1	9.5	119.07		
	56.00	34.1	9.5	119.08		
	56.50	34.2	9.6	119.11		
	57.00	34.3	9.7	119.13		
	57.50	34.4	9.8	119.15		
	58.00	34.4	9.8	119.17		
***** End Flow 2	58.50	34.8	10.2	119.19		
***** Start Shutin 2	0.00	34.8	0.0	119.19	0.0000	0.001
	0.50	38.9	4.2	119.21	181.0000	0.002
	1.00	42.7	7.9	119.23	91.0000	0.002
	1.50	46.2	11.4	119.25	61.0000	0.002
	2.00	49.7	14.9	119.27	46.0000	0.002

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10586 DST#4 GREEN#1 KENNETH S. WHITE

DATE: 12/11/97

TIME: 00:39:16

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
2.50	53.0	18.2	119.30	37.0000	0.003
3.00	56.4	21.6	119.32	31.0000	0.003
3.50	59.7	25.0	119.34	26.7143	0.004
4.00	63.1	28.4	119.36	23.5000	0.004
4.50	66.6	31.8	119.39	21.0000	0.004
5.00	70.1	35.3	119.41	19.0000	0.005
5.50	73.6	38.9	119.44	17.3636	0.005
6.00	77.3	42.5	119.46	16.0000	0.006
6.50	81.1	46.3	119.48	14.8462	0.007
7.00	85.0	50.2	119.51	13.8571	0.007
7.50	89.1	54.4	119.53	13.0000	0.008
8.00	93.4	58.6	119.55	12.2500	0.009
8.50	97.8	63.0	119.57	11.5882	0.01
9.00	102.5	67.7	119.59	11.0000	0.011
9.50	107.6	72.8	119.61	10.4737	0.012
10.00	112.9	78.1	119.64	10.0000	0.013
10.50	118.6	83.8	119.66	9.5714	0.014
11.00	124.6	89.8	119.67	9.1818	0.016
11.50	131.0	96.2	119.70	8.8261	0.017
12.00	137.6	102.9	119.72	8.5000	0.019
12.50	144.7	109.9	119.74	8.2000	0.021
13.00	152.1	117.3	119.76	7.9231	0.023
13.50	159.9	125.2	119.79	7.6667	0.026
14.00	168.1	133.3	119.81	7.4286	0.028
14.50	176.5	141.7	119.83	7.2069	0.031
15.00	185.2	150.4	119.85	7.0000	0.034
15.50	194.1	159.4	119.87	6.8065	0.038
16.00	203.3	168.6	119.89	6.6250	0.041
16.50	212.7	177.9	119.91	6.4545	0.045
17.00	222.1	187.3	119.93	6.2941	0.049
17.50	231.5	196.8	119.95	6.1429	0.054
18.00	241.0	206.2	119.97	6.0000	0.058
18.50	250.3	215.5	120.00	5.8649	0.063
19.00	259.0	224.2	120.02	5.7368	0.067
19.50	268.1	233.4	120.04	5.6154	0.072
20.00	276.9	242.2	120.06	5.5000	0.077
20.50	285.6	250.8	120.08	5.3902	0.082
21.00	293.9	259.1	120.10	5.2857	0.086
21.50	301.9	267.1	120.12	5.1860	0.091
22.00	309.6	274.8	120.14	5.0909	0.096
22.50	317.0	282.2	120.16	5.0000	0.100
23.00	324.0	289.3	120.18	4.9130	0.105
23.50	330.8	296.0	120.20	4.8298	0.109
24.00	337.2	302.5	120.22	4.7500	0.114
24.50	343.4	308.6	120.24	4.6735	0.118
25.00	349.3	314.5	120.26	4.6000	0.122
25.50	354.9	320.1	120.28	4.5294	0.126
26.00	360.1	325.4	120.30	4.4615	0.130
26.50	365.1	330.3	120.32	4.3962	0.133
27.00	369.8	335.0	120.34	4.3333	0.137
27.50	374.2	339.4	120.35	4.2727	0.140

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10586 DST#4 GREEN#1 KENNETH S. WHITE

DATE: 12/11/97

TIME: 00:39:16

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
28.00	378.3	343.6	120.36	4.2143	0.143
28.50	382.3	347.5	120.39	4.1579	0.146
29.00	386.0	351.2	120.40	4.1034	0.149
29.50	389.5	354.7	120.42	4.0508	0.152
30.00	392.7	358.0	120.44	4.0000	0.154
30.50	395.9	361.1	120.46	3.9508	0.157
31.00	398.9	364.1	120.47	3.9032	0.159
31.50	401.7	366.9	120.49	3.8571	0.161
32.00	404.4	369.6	120.51	3.8125	0.164
32.50	406.9	372.1	120.52	3.7692	0.166
33.00	409.3	374.5	120.54	3.7273	0.168
33.50	411.6	376.8	120.56	3.6866	0.169
34.00	413.8	379.0	120.57	3.6471	0.171
34.50	415.9	381.1	120.60	3.6087	0.173
35.00	417.9	383.1	120.61	3.5714	0.175
35.50	419.8	385.0	120.62	3.5352	0.176
36.00	421.7	386.9	120.64	3.5000	0.178
36.50	423.4	388.6	120.66	3.4658	0.179
37.00	425.1	390.3	120.67	3.4324	0.181
37.50	426.7	392.0	120.69	3.4000	0.182
38.00	428.3	393.6	120.70	3.3684	0.183
38.50	429.9	395.1	120.72	3.3377	0.185
39.00	431.3	396.5	120.73	3.3077	0.186
39.50	432.8	398.0	120.76	3.2785	0.187
40.00	434.2	399.4	120.77	3.2500	0.189
40.50	435.5	400.7	120.78	3.2222	0.190
41.00	436.8	402.0	120.80	3.1951	0.191
41.50	438.1	403.3	120.81	3.1687	0.192
42.00	439.3	404.5	120.83	3.1429	0.193
42.50	440.5	405.8	120.85	3.1176	0.194
43.00	441.7	406.9	120.86	3.0930	0.195
43.50	442.8	408.1	120.88	3.0690	0.196
44.00	443.9	409.2	120.89	3.0455	0.197
44.50	445.0	410.3	120.91	3.0225	0.198
45.00	446.1	411.3	120.93	3.0000	0.199
45.50	447.1	412.3	120.94	2.9780	0.200
46.00	448.1	413.3	120.96	2.9565	0.201
46.50	449.1	414.4	120.97	2.9355	0.202
47.00	450.1	415.3	120.99	2.9149	0.203
47.50	451.0	416.2	121.00	2.8947	0.203
48.00	451.9	417.2	121.01	2.8750	0.204
48.50	452.9	418.1	121.03	2.8557	0.205
49.00	453.8	419.0	121.05	2.8367	0.206
49.50	454.6	419.8	121.06	2.8182	0.207
50.00	455.5	420.7	121.07	2.8000	0.207
50.50	456.3	421.6	121.09	2.7822	0.208
51.00	457.2	422.4	121.11	2.7647	0.209
51.50	458.0	423.2	121.11	2.7476	0.210
52.00	458.8	424.1	121.13	2.7308	0.211
52.50	459.6	424.8	121.15	2.7143	0.211
53.00	460.4	425.7	121.16	2.6981	0.212

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10586 DST#4 GREEN#1 KENNETH S. WHITE

DATE: 12/11/97 TIME: 00:39:16

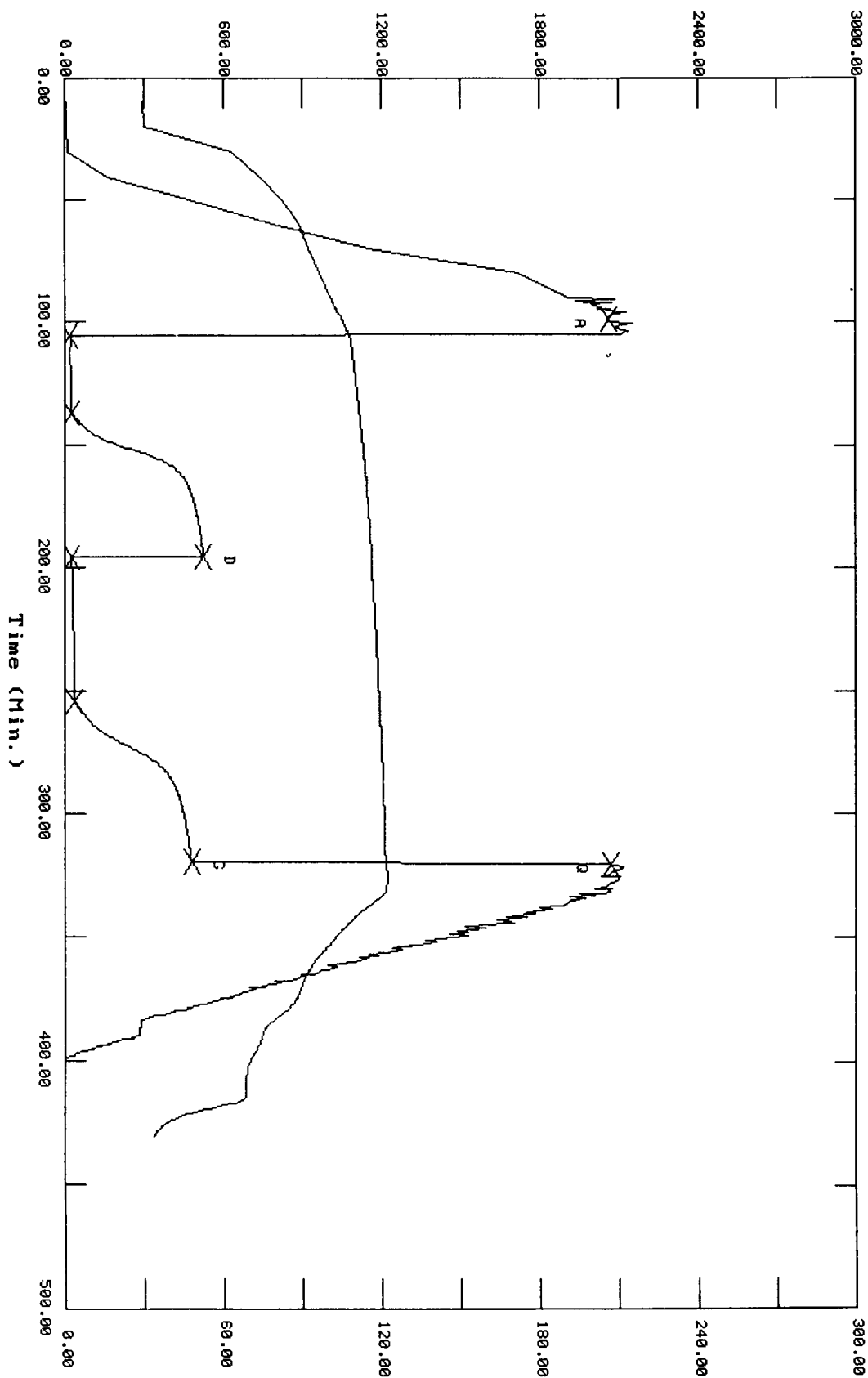
	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	53.50	461.2	426.4	121.18	2.6822	0.213
	54.00	461.9	427.2	121.19	2.6667	0.213
	54.50	462.7	427.9	121.21	2.6514	0.214
	55.00	463.4	428.6	121.22	2.6364	0.215
	55.50	464.1	429.4	121.23	2.6216	0.215
	56.00	464.9	430.1	121.25	2.6071	0.216
	56.50	465.6	430.8	121.26	2.5929	0.217
	57.00	466.3	431.5	121.27	2.5789	0.217
	57.50	466.9	432.2	121.29	2.5652	0.218
	58.00	467.6	432.8	121.31	2.5517	0.219
	58.50	468.3	433.5	121.32	2.5385	0.219
	59.00	468.9	434.2	121.33	2.5254	0.220
	59.50	469.6	434.8	121.35	2.5126	0.221
	60.00	470.2	435.5	121.36	2.5000	0.221
	60.50	470.9	436.1	121.38	2.4876	0.222
	61.00	471.5	436.7	121.39	2.4754	0.222
	61.50	472.1	437.4	121.41	2.4634	0.223
	62.00	472.7	437.9	121.42	2.4516	0.223
	62.50	473.3	438.6	121.43	2.4400	0.224
	63.00	473.9	439.2	121.44	2.4286	0.225
	63.50	474.5	439.8	121.46	2.4173	0.225
	64.00	475.1	440.3	121.47	2.4062	0.226
	64.50	475.7	440.9	121.48	2.3953	0.226
***** End Shut-in 2	65.00	476.3	441.5	121.50	2.3846	0.227
***** Final Hydro.	320.50	2068.8	0.0	121.56		

TEST HISTORY

10586 DST#4 GREEN#1 KENNETH S. WHITE

Flag Points
t(Min.) P(PSig)

A: 0.00 2061.45
B: 0.00 17.61
C: 31.50 22.55
D: 58.50 521.69
E: 0.00 24.60
F: 58.50 34.77
G: 65.00 476.27
Q: 0.00 2068.84

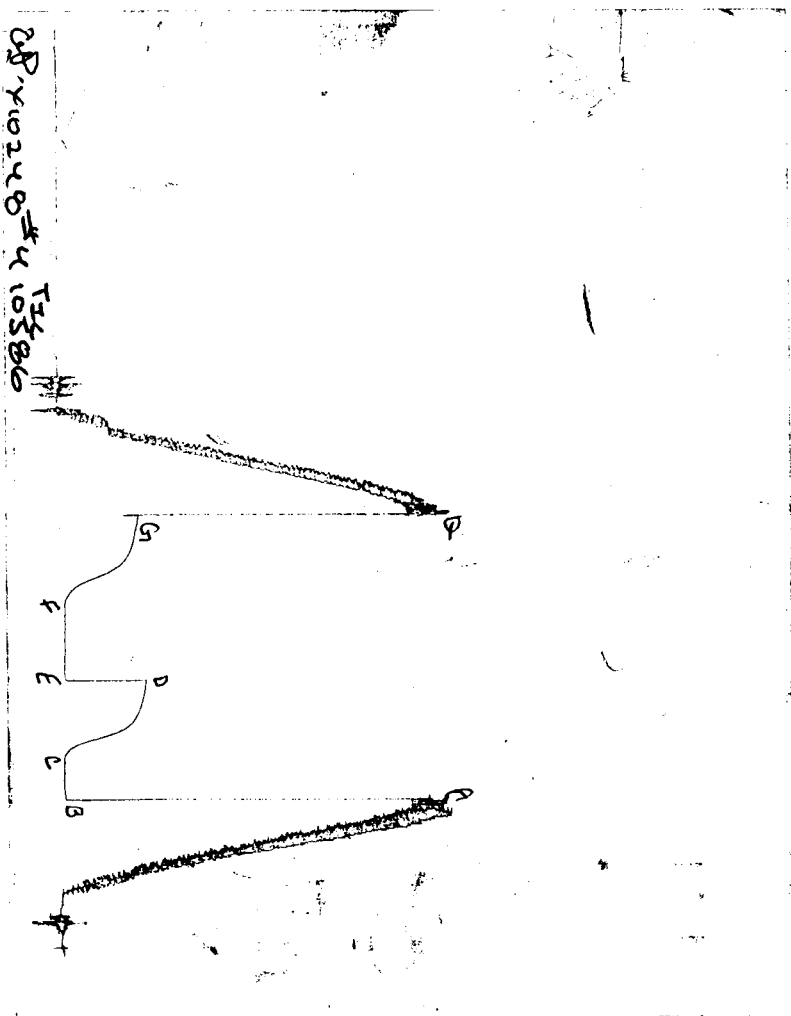


Temperature (DEG F)

Pressure (PSig)

Time (Min.)

CHART PAGE



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

TRILOBITE TESTING L.L.C.

DATE 12-11-97

KB 1907.00 ft

TICKET NO: 10587 DST #5

GR 1902.00 ft

FORMATION: Arbuckle

TD 4289.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
P	30	Rec.	10248	10248	3030		PF Fr. 1722 to 1752 hr
I	60	Range(Psi)	4400.0	4400.0	4995.0	0.0	IS Fr. 1752 to 1852 hr
F	60	Clock(hrs)	12hr.	12hr.	Batt.		SF Fr. 1852 to 1952 hr
S	90	Depth(ft)	0.0	0.0	4288.0	0.0	FS Fr. 1952 to 2122 hr

	Field	1	2	3	4			
Init Hydro	0.0	0.0	2049.0	0.0	0.0	T STARTED	1551	hr
First Flow	0.0	0.0	19.0	0.0	0.0	T ON BOTM	1717	hr
Final Flow	0.0	0.0	23.0	0.0	0.0	T OPEN	1722	hr
In Shut-in	0.0	0.0	1402.0	0.0	0.0	T PULLED	2122	hr
Init Flow	0.0	0.0	26.0	0.0	0.0	T OUT	2320	hr
Final Flow	0.0	0.0	42.0	0.0	0.0			
Fl Shut-in	0.0	0.0	1389.0	0.0	0.0	TOOL DATA-----		
Final Hydro	0.0	0.0	2028.0	0.0	0.0	Tool Wt.		21
Inside/Outside	O	O	I	T		Wt Set On Packer		200

ECOVERY

of Fluid 70.00 ft of 0.00 ft in DC and 70.00 ft in DP

240.00 ft of Gas in pipe.

0.00 ft of Clean oil.

0.00	ft of Heavy Oil Cut Mud	5%G	28%O	67%M
------	-------------------------	-----	------	------

.00 ft of

00 ft of

00 ft of

ft of Rw n/c	ohms @	degrees F.
0.00		

.00 ft of EST. FT. OF PAY-----7

ALINITY 6000.00 P.P.M. A.P.I. Gravity 38.70

LOW DESCRIPTION

Initial Flow: Fair to strong blow.

Bottom of bucket in 14 minutes.

initial Shutin: No blow.

Final Flow: Strong blow.

Bottom of bucket in 15 seconds.

Final Shutin: Very weak blow.

SAMPLES: none

SENT TO: Caraway / Liberal Ks

Test Successful: Y

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/cf
Vis.	46.00 S/L
W.L.	10.40 in ³
F.C.	0.20 in
Mud Drop N	

Amt. of fill	0.00	ft
Btm. H. Temp.	127.00	F
Hole Condition	good	
% Porosity	10.00	
Packer Size	6.75	in
No. of Packers	2	
Cushion Amt.	0.00	N
Cushion Type	None	
Reversed Out N		
Tool Chased N		

Tester	Gary Pevoteaux	
Co. Rep.	Tom Robinson	
Contr.	White & Ellis	
Rig #		8
Unit #		
Pump T.	LCM trace	

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Green #1

LOCATION : 33-26S-12W Pratt Co. KS

TICKET No. 10587 D.S.T. No. 5 DATE 12-11-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 7

TOTAL TOOL 29

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 29

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands61 Single Total 4289

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4318

TOTAL DEPTH 4289

TOTAL DRILL PIPE ABOVE K.B. 29

REMARKS:

FLUID SAMPLER DATA (not run)

GAS-----

OIL----- ML.

MUD----- ML.

WATER----- ML.

OTHER-----

PRESSURE----- PSI

Rw----- OHMS @

CHLORIDES----- DEGREES F

ppm.

COMMENTS:

P.O. SUB	
C.O. SUB Top of tool @	4260
S.I. TOOL Sterling	4266
HMV Sterling	4271
JARS no	
SAFETY JOINT Bowen	4273
PACKER Top	4277
PACKER Bottom	4282
DEPTH 4282	
STUBB 1 ft.	4283
ANCHOR	
1'perfs	4284
Alpine rec. @4288	
T.C.	
DEPTH	
AK-1 rec. @	none
BULLNOSE 5' Perforated to	4289
T.D.	

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10587 DST#5 GREEN#1 KENNETH S. WHITE

DATE: 12/11/97 TIME: 15:51:42

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	80.00	2049.5	0.0	98.90		
***** Start Flow 1	0.00	18.9	0.0	107.47		
	0.50	29.4	10.5	107.71		
	1.00	14.6	-4.3	107.94		
	1.50	14.9	-4.0	108.13		
	2.00	14.8	-4.1	108.29		
	2.50	15.3	-3.6	108.42		
	3.00	15.7	-3.2	108.53		
	3.50	15.5	-3.4	108.63		
	4.00	15.7	-3.2	108.70		
	4.50	15.8	-3.1	108.78		
	5.00	16.0	-3.0	108.84		
	5.50	16.0	-3.0	108.89		
	6.00	16.1	-2.8	108.94		
	6.50	16.4	-2.6	108.98		
	7.00	16.4	-2.5	109.02		
	7.50	16.6	-2.4	109.04		
	8.00	16.7	-2.3	109.08		
	8.50	17.1	-1.8	109.11		
	9.00	17.0	-2.0	109.13		
	9.50	17.3	-1.6	109.16		
	10.00	17.4	-1.5	109.19		
	10.50	17.8	-1.2	109.21		
	11.00	17.7	-1.2	109.24		
	11.50	17.9	-1.0	109.27		
	12.00	18.1	-0.8	109.29		
	12.50	18.2	-0.7	109.31		
	13.00	18.5	-0.4	109.34		
	13.50	18.6	-0.3	109.36		
	14.00	18.9	-0.1	109.39		
	14.50	19.0	0.1	109.41		
	15.00	19.3	0.3	109.44		
	15.50	19.4	0.4	109.46		
	16.00	19.5	0.6	109.50		
	16.50	19.8	0.8	109.53		
	17.00	19.9	1.0	109.55		
	17.50	20.1	1.1	109.59		
	18.00	20.2	1.3	109.62		
	18.50	20.5	1.5	109.65		
	19.00	20.7	1.8	109.69		
	19.50	20.9	1.9	109.72		
	20.00	21.1	2.1	109.75		
	20.50	21.2	2.3	109.79		
	21.00	21.3	2.3	109.83		
	21.50	21.5	2.5	109.87		
	22.00	21.6	2.7	109.91		
	22.50	21.8	2.9	109.96		
	23.00	21.9	2.9	110.01		
	23.50	22.0	3.1	110.05		
	24.00	22.2	3.3	110.10		
	24.50	22.3	3.3	110.15		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10587 DST#5 GREEN#1 KENNETH S. WHITE

DATE: 12/11/97

TIME: 15:51:42

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	25.00	22.5	3.5	110.19		
	25.50	22.5	3.6	110.24		
	26.00	22.6	3.6	110.29		
	26.50	22.9	3.9	110.34		
	27.00	22.8	3.9	110.40		
***** End Flow 1	27.50	23.1	4.1	110.45		
***** Start Shutin 1	0.00	23.1	0.0	110.45	0.0000	0.001
	0.50	34.3	11.3	110.50	56.0000	0.001
	1.00	45.9	22.9	110.56	28.5000	0.002
	1.50	57.7	34.6	110.62	19.3333	0.003
	2.00	70.0	46.9	110.68	14.7500	0.005
	2.50	83.0	59.9	110.75	12.0000	0.007
	3.00	97.2	74.1	110.81	10.1667	0.009
	3.50	112.7	89.6	110.87	8.8571	0.013
	4.00	129.9	106.8	110.93	7.8750	0.017
	4.50	149.3	126.3	111.00	7.1111	0.022
	5.00	171.0	147.9	111.07	6.5000	0.029
	5.50	195.9	172.8	111.14	6.0000	0.038
	6.00	224.2	201.1	111.22	5.5833	0.050
	6.50	256.8	233.7	111.29	5.2308	0.066
	7.00	294.8	271.7	111.37	4.9286	0.087
	7.50	339.9	316.9	111.45	4.6667	0.116
	8.00	394.4	371.3	111.52	4.4375	0.156
	8.50	460.0	436.9	111.60	4.2353	0.212
	9.00	537.3	514.2	111.69	4.0556	0.289
	9.50	624.7	601.6	111.77	3.8947	0.390
	10.00	717.8	694.7	111.86	3.7500	0.515
	10.50	808.2	785.1	111.95	3.6190	0.653
	11.00	888.1	865.0	112.04	3.5000	0.789
	11.50	953.8	930.7	112.13	3.3913	0.910
	12.00	1005.0	981.9	112.23	3.2917	1.010
	12.50	1043.7	1020.7	112.32	3.2000	1.089
	13.00	1073.7	1050.6	112.42	3.1154	1.153
	13.50	1097.6	1074.5	112.51	3.0370	1.205
	14.00	1117.3	1094.2	112.61	2.9643	1.248
	14.50	1133.9	1110.9	112.70	2.8966	1.286
	15.00	1148.5	1125.4	112.79	2.8333	1.319
	15.50	1161.1	1138.0	112.88	2.7742	1.348
	16.00	1172.5	1149.4	112.98	2.7188	1.375
	16.50	1182.9	1159.8	113.06	2.6667	1.399
	17.00	1192.1	1169.0	113.15	2.6176	1.421
	17.50	1200.9	1177.8	113.24	2.5714	1.442
	18.00	1208.8	1185.7	113.32	2.5278	1.461
	18.50	1216.3	1193.2	113.41	2.4865	1.479
	19.00	1223.4	1200.3	113.49	2.4474	1.497
	19.50	1229.8	1206.7	113.57	2.4103	1.512
	20.00	1236.0	1213.0	113.65	2.3750	1.528
	20.50	1241.8	1218.7	113.73	2.3415	1.542
	21.00	1247.2	1224.2	113.81	2.3095	1.556
	21.50	1252.6	1229.5	113.90	2.2791	1.569
	22.00	1257.5	1234.4	113.97	2.2500	1.581

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10587 DST#5 GREEN#1 KENNETH S. WHITE

DATE: 12/11/97

TIME: 15:51:42

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
22.50	1262.3	1239.3	114.05	2.2222	1.594
23.00	1266.8	1243.8	114.12	2.1957	1.605
23.50	1271.1	1248.0	114.20	2.1702	1.616
24.00	1275.4	1252.3	114.28	2.1458	1.627
24.50	1279.2	1256.1	114.36	2.1224	1.636
25.00	1283.1	1260.1	114.43	2.1000	1.646
25.50	1286.8	1263.7	114.51	2.0784	1.656
26.00	1290.2	1267.1	114.58	2.0577	1.665
26.50	1293.7	1270.6	114.65	2.0377	1.674
27.00	1296.9	1273.9	114.72	2.0185	1.682
27.50	1300.1	1277.1	114.80	2.0000	1.690
28.00	1303.2	1280.2	114.86	1.9821	1.698
28.50	1306.1	1283.0	114.94	1.9649	1.706
29.00	1309.1	1286.0	115.01	1.9483	1.714
29.50	1311.8	1288.8	115.07	1.9322	1.721
30.00	1314.6	1291.5	115.14	1.9167	1.728
30.50	1317.3	1294.2	115.21	1.9016	1.735
31.00	1319.8	1296.7	115.28	1.8871	1.742
31.50	1322.4	1299.3	115.35	1.8730	1.749
32.00	1324.8	1301.8	115.41	1.8594	1.755
32.50	1327.2	1304.1	115.48	1.8462	1.761
33.00	1329.5	1306.4	115.54	1.8333	1.768
33.50	1331.7	1308.6	115.60	1.8209	1.773
34.00	1334.0	1310.9	115.66	1.8088	1.779
34.50	1336.0	1312.9	115.72	1.7971	1.785
35.00	1338.1	1315.0	115.78	1.7857	1.791
35.50	1340.2	1317.1	115.85	1.7746	1.796
36.00	1342.1	1319.0	115.91	1.7639	1.801
36.50	1344.1	1321.1	115.97	1.7534	1.807
37.00	1345.9	1322.9	116.03	1.7432	1.812
37.50	1347.8	1324.7	116.08	1.7333	1.816
38.00	1349.6	1326.5	116.14	1.7237	1.821
38.50	1351.3	1328.2	116.20	1.7143	1.826
39.00	1353.1	1330.0	116.26	1.7051	1.831
39.50	1354.7	1331.6	116.31	1.6962	1.835
40.00	1356.3	1333.2	116.37	1.6875	1.840
40.50	1358.0	1335.0	116.42	1.6790	1.844
41.00	1359.5	1336.5	116.48	1.6707	1.848
41.50	1361.1	1338.0	116.53	1.6627	1.853
42.00	1362.6	1339.5	116.59	1.6548	1.857
42.50	1364.0	1341.0	116.64	1.6471	1.861
43.00	1365.6	1342.5	116.69	1.6395	1.865
43.50	1367.0	1343.9	116.74	1.6322	1.869
44.00	1368.3	1345.2	116.79	1.6250	1.872
44.50	1369.8	1346.7	116.85	1.6180	1.876
45.00	1371.1	1348.0	116.89	1.6111	1.880
45.50	1372.5	1349.4	116.95	1.6044	1.884
46.00	1373.7	1350.6	117.00	1.5978	1.887
46.50	1375.0	1351.9	117.04	1.5914	1.890
47.00	1376.3	1353.2	117.09	1.5851	1.894
47.50	1377.4	1354.3	117.14	1.5789	1.897

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10587 DST#5 GREEN#1 KENNETH S. WHITE

DATE: 12/11/97 TIME: 15:51:42

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	48.00	1378.8	1355.7	117.19	1.5729	1.901
	48.50	1379.9	1356.8	117.23	1.5670	1.904
	49.00	1381.0	1357.9	117.28	1.5612	1.907
	49.50	1382.2	1359.1	117.33	1.5556	1.911
	50.00	1383.3	1360.2	117.38	1.5500	1.913
	50.50	1384.4	1361.3	117.42	1.5446	1.916
	51.00	1385.5	1362.4	117.46	1.5392	1.920
	51.50	1386.5	1363.5	117.51	1.5340	1.922
	52.00	1387.7	1364.6	117.55	1.5288	1.926
	52.50	1388.7	1365.6	117.60	1.5238	1.928
	53.00	1389.6	1366.5	117.64	1.5189	1.931
	53.50	1390.7	1367.7	117.69	1.5140	1.934
	54.00	1391.6	1368.6	117.72	1.5093	1.937
	54.50	1392.7	1369.7	117.77	1.5046	1.940
	55.00	1393.6	1370.5	117.81	1.5000	1.942
	55.50	1394.5	1371.4	117.85	1.4955	1.945
	56.00	1395.5	1372.4	117.89	1.4911	1.947
	56.50	1396.4	1373.3	117.93	1.4867	1.950
	57.00	1397.3	1374.2	117.97	1.4825	1.953
	57.50	1398.2	1375.1	118.01	1.4783	1.955
	58.00	1399.1	1376.0	118.05	1.4741	1.957
	58.50	1400.0	1376.9	118.09	1.4701	1.960
	59.00	1400.8	1377.7	118.13	1.4661	1.962
***** End Shut-in 1	59.50	1401.6	1378.5	118.17	1.4622	1.964
***** Start Flow 2	0.00	26.0	0.0	118.20		
	0.50	23.4	-2.6	118.22		
	1.00	24.0	-2.0	118.22		
	1.50	24.5	-1.4	118.23		
	2.00	25.3	-0.7	118.24		
	2.50	25.6	-0.4	118.27		
	3.00	25.9	-0.1	118.31		
	3.50	26.1	0.2	118.37		
	4.00	26.3	0.4	118.44		
	4.50	26.5	0.6	118.51		
	5.00	26.7	0.7	118.58		
	5.50	27.0	1.0	118.64		
	6.00	27.2	1.2	118.70		
	6.50	27.6	1.6	118.76		
	7.00	27.5	1.5	118.82		
	7.50	27.7	1.8	118.88		
	8.00	27.9	2.0	118.94		
	8.50	28.1	2.1	119.00		
	9.00	28.2	2.3	119.08		
	9.50	28.3	2.4	119.14		
	10.00	28.5	2.6	119.22		
	10.50	28.7	2.7	119.29		
	11.00	28.8	2.9	119.36		
	11.50	29.0	3.1	119.43		
	12.00	29.1	3.2	119.50		
	12.50	29.3	3.4	119.58		
	13.00	29.5	3.5	119.66		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10587 DST#5 GREEN#1 KENNETH S. WHITE

DATE: 12/11/97

TIME: 15:51:42

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
13.50	29.6	3.7	119.73		
14.00	29.8	3.8	119.82		
14.50	30.0	4.1	119.90		
15.00	30.2	4.2	119.98		
15.50	30.3	4.3	120.07		
16.00	30.6	4.6	120.15		
16.50	30.7	4.7	120.23		
17.00	30.9	4.9	120.31		
17.50	31.1	5.1	120.39		
18.00	31.1	5.2	120.47		
18.50	31.3	5.4	120.55		
19.00	31.3	5.3	120.63		
19.50	31.7	5.7	120.71		
20.00	31.8	5.8	120.79		
20.50	31.9	6.0	120.88		
21.00	31.9	6.0	120.95		
21.50	32.1	6.1	121.04		
22.00	32.3	6.3	121.12		
22.50	32.4	6.4	121.21		
23.00	32.5	6.5	121.30		
23.50	32.6	6.7	121.39		
24.00	32.8	6.9	121.47		
24.50	32.9	7.0	121.54		
25.00	33.0	7.0	121.62		
25.50	33.2	7.2	121.70		
26.00	33.3	7.3	121.75		
26.50	33.4	7.5	121.82		
27.00	33.6	7.7	121.88		
27.50	33.9	7.9	121.95		
28.00	33.8	7.9	122.01		
28.50	34.1	8.1	122.06		
29.00	34.1	8.1	122.12		
29.50	34.2	8.2	122.17		
30.00	34.4	8.4	122.22		
30.50	34.4	8.4	122.27		
31.00	34.6	8.7	122.32		
31.50	34.7	8.7	122.37		
32.00	34.9	8.9	122.42		
32.50	35.0	9.1	122.47		
33.00	35.0	9.1	122.52		
33.50	35.3	9.3	122.57		
34.00	35.4	9.4	122.62		
34.50	35.5	9.6	122.67		
35.00	35.5	9.6	122.71		
35.50	35.6	9.7	122.76		
36.00	35.8	9.9	122.80		
36.50	36.0	10	122.84		
37.00	36.1	10.2	122.89		
37.50	36.4	10.4	122.93		
38.00	36.4	10.4	122.97		
38.50	36.5	10.5	123.02		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10587 DST#5 GREEN#1 KENNETH S. WHITE

DATE: 12/11/97 TIME: 15:51:42

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	39.00	36.6	10.7	123.06		
	39.50	36.7	10.7	123.10		
	40.00	36.9	10.9	123.14		
	40.50	36.8	10.9	123.17		
	41.00	37.0	11.0	123.22		
	41.50	37.2	11.2	123.25		
	42.00	37.3	11.4	123.30		
	42.50	37.4	11.5	123.34		
	43.00	37.4	11.5	123.38		
	43.50	37.6	11.7	123.42		
	44.00	37.8	11.8	123.46		
	44.50	37.9	12.0	123.49		
	45.00	37.9	12.0	123.53		
	45.50	38.2	12.2	123.57		
	46.00	38.1	12.2	123.61		
	46.50	38.4	12.4	123.65		
	47.00	38.6	12.6	123.69		
	47.50	38.6	12.7	123.73		
	48.00	38.8	12.8	123.76		
	48.50	38.8	12.8	123.80		
	49.00	38.9	12.9	123.84		
	49.50	39.0	13.0	123.88		
	50.00	39.2	13.2	123.92		
	50.50	39.3	13.3	123.95		
	51.00	39.5	13.6	123.99		
	51.50	39.6	13.7	124.03		
	52.00	39.6	13.6	124.06		
	52.50	39.7	13.8	124.10		
	53.00	39.7	13.8	124.13		
	53.50	39.9	13.9	124.17		
	54.00	40.0	14.0	124.20		
	54.50	40.2	14.2	124.24		
	55.00	40.2	14.3	124.27		
	55.50	40.4	14.4	124.31		
	56.00	40.5	14.5	124.34		
	56.50	40.6	14.6	124.38		
	57.00	40.8	14.8	124.41		
	57.50	40.8	14.8	124.44		
	58.00	40.9	15.0	124.48		
	58.50	41.0	15.0	124.51		
	59.00	41.1	15.2	124.54		
	59.50	41.3	15.4	124.58		
	60.00	41.3	15.3	124.61		
	60.50	41.4	15.4	124.64		
	61.00	41.5	15.5	124.67		
	61.50	41.6	15.6	124.70		
	62.00	41.7	15.7	124.73		
	62.50	41.9	16.0	124.75		
	63.00	41.9	16.0	124.79		
***** End Flow 2	63.50	42.0	16.1	124.81		
***** Start Shutin 2	0.00	42.0	0.0	124.81	0.0000	0.002

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10587 DST#5 GREEN#1 KENNETH S. WHITE

DATE: 12/11/97

TIME: 15:51:42

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
0.50	52.8	10.7	124.84	183.0000	0.003
1.00	67.6	25.6	124.87	92.0000	0.005
1.50	82.7	40.7	124.90	61.6667	0.007
2.00	100	58.0	124.94	46.5000	0.01
2.50	118.3	76.3	124.96	37.4000	0.014
3.00	137.7	95.7	124.99	31.3333	0.019
3.50	158.4	116.3	125.02	27.0000	0.025
4.00	180.7	138.6	125.05	23.7500	0.033
4.50	205.4	163.4	125.07	21.2222	0.042
5.00	233.3	191.2	125.09	19.2000	0.054
5.50	265.6	223.6	125.13	17.5455	0.071
6.00	304.0	262.0	125.14	16.1667	0.092
6.50	349.6	307.6	125.16	15.0000	0.122
7.00	403.5	361.4	125.19	14.0000	0.163
7.50	465.6	423.6	125.21	13.1333	0.217
8.00	534.9	492.9	125.24	12.3750	0.286
8.50	608.7	566.7	125.26	11.7059	0.370
9.00	683.5	641.4	125.29	11.1111	0.467
9.50	754.8	712.7	125.32	10.5789	0.570
10.00	819.2	777.2	125.35	10.1000	0.671
10.50	875.1	833.1	125.38	9.6667	0.766
11.00	920.5	878.4	125.41	9.2727	0.847
11.50	956.2	914.2	125.44	8.9130	0.914
12.00	984.6	942.5	125.47	8.5833	0.969
12.50	1007.7	965.7	125.50	8.2800	1.015
13.00	1027.4	985.4	125.53	8.0000	1.056
13.50	1044.1	1002.1	125.56	7.7407	1.090
14.00	1059.0	1017.0	125.58	7.5000	1.122
14.50	1072.1	1030.1	125.61	7.2759	1.149
15.00	1083.9	1041.9	125.63	7.0667	1.175
15.50	1094.7	1052.7	125.66	6.8710	1.198
16.00	1104.4	1062.4	125.68	6.6875	1.220
16.50	1113.4	1071.4	125.71	6.5152	1.240
17.00	1121.8	1079.7	125.73	6.3529	1.258
17.50	1129.6	1087.6	125.75	6.2000	1.276
18.00	1137.1	1095.1	125.77	6.0556	1.293
18.50	1143.9	1101.9	125.79	5.9189	1.308
19.00	1150.4	1108.4	125.81	5.7895	1.323
19.50	1156.6	1114.6	125.83	5.6667	1.338
20.00	1162.5	1120.4	125.84	5.5500	1.351
20.50	1168.2	1126.2	125.86	5.4390	1.365
21.00	1173.5	1131.5	125.88	5.3333	1.377
21.50	1178.5	1136.5	125.90	5.2326	1.389
22.00	1183.4	1141.4	125.92	5.1364	1.401
22.50	1188.1	1146.0	125.94	5.0444	1.411
23.00	1192.5	1150.5	125.95	4.9565	1.422
23.50	1196.9	1154.9	125.97	4.8723	1.433
24.00	1201.1	1159.1	125.99	4.7917	1.443
24.50	1205.1	1163.1	126.01	4.7143	1.452
25.00	1208.9	1166.9	126.03	4.6400	1.461
25.50	1212.7	1170.6	126.04	4.5686	1.471

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10587 DST#5 GREEN#1 KENNETH S. WHITE

DATE: 12/11/97 TIME: 15:51:42

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
26.00	1216.6	1174.6	126.06	4.5000	1.480
26.50	1220.2	1178.2	126.07	4.4340	1.489
27.00	1223.6	1181.6	126.09	4.3704	1.497
27.50	1227.0	1185.0	126.10	4.3091	1.506
28.00	1230.5	1188.5	126.12	4.2500	1.514
28.50	1233.7	1191.7	126.13	4.1930	1.522
29.00	1236.7	1194.7	126.15	4.1379	1.530
29.50	1239.6	1197.6	126.19	4.0847	1.537
30.00	1242.6	1200.5	126.17	4.0333	1.544
30.50	1245.3	1203.3	126.19	3.9836	1.551
31.00	1248.0	1206.0	126.21	3.9355	1.558
31.50	1250.7	1208.7	126.22	3.8889	1.564
32.00	1253.3	1211.3	126.24	3.8438	1.571
32.50	1256.0	1213.9	126.25	3.8000	1.577
33.00	1258.4	1216.3	126.26	3.7576	1.583
33.50	1260.7	1218.7	126.27	3.7164	1.589
34.00	1263.2	1221.2	126.28	3.6765	1.596
34.50	1265.4	1223.4	126.30	3.6377	1.601
35.00	1267.7	1225.7	126.31	3.6000	1.607
35.50	1270.1	1228.0	126.32	3.5634	1.613
36.00	1272.2	1230.2	126.33	3.5278	1.618
36.50	1274.4	1232.4	126.35	3.4932	1.624
37.00	1276.5	1234.5	126.36	3.4595	1.629
37.50	1278.5	1236.5	126.37	3.4267	1.635
38.00	1280.7	1238.6	126.38	3.3947	1.640
38.50	1282.5	1240.5	126.39	3.3636	1.645
39.00	1284.4	1242.4	126.41	3.3333	1.650
39.50	1286.4	1244.4	126.42	3.3038	1.655
40.00	1288.3	1246.2	126.43	3.2750	1.660
40.50	1290.2	1248.2	126.43	3.2469	1.665
41.00	1291.9	1249.9	126.44	3.2195	1.669
41.50	1293.6	1251.6	126.46	3.1928	1.673
42.00	1295.5	1253.5	126.47	3.1667	1.678
42.50	1297.1	1255.1	126.48	3.1412	1.683
43.00	1298.8	1256.8	126.49	3.1163	1.687
43.50	1300.6	1258.6	126.50	3.0920	1.692
44.00	1302.2	1260.2	126.51	3.0682	1.696
44.50	1303.8	1261.8	126.52	3.0449	1.700
45.00	1305.4	1263.4	126.53	3.0222	1.704
45.50	1306.9	1264.9	126.54	3.0000	1.708
46.00	1308.5	1266.5	126.55	2.9783	1.712
46.50	1309.9	1267.9	126.56	2.9570	1.716
47.00	1311.4	1269.4	126.57	2.9362	1.720
47.50	1312.9	1270.9	126.58	2.9158	1.724
48.00	1314.3	1272.3	126.59	2.8958	1.727
48.50	1315.8	1273.8	126.59	2.8763	1.731
49.00	1317.2	1275.2	126.60	2.8571	1.735
49.50	1318.6	1276.6	126.62	2.8384	1.739
50.00	1320.0	1278.0	126.63	2.8200	1.743
50.50	1321.3	1279.2	126.64	2.8020	1.746
51.00	1322.6	1280.5	126.65	2.7843	1.749

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10587 DST#5 GREEN#1 KENNETH S. WHITE

DATE: 12/11/97

TIME: 15:51:42

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
51.50	1324.0	1281.9	126.65	2.7670	1.753
52.00	1325.2	1283.2	126.66	2.7500	1.756
52.50	1326.4	1284.4	126.67	2.7333	1.759
53.00	1327.7	1285.7	126.68	2.7170	1.763
53.50	1328.9	1286.9	126.69	2.7009	1.766
54.00	1330.2	1288.2	126.70	2.6852	1.769
54.50	1331.4	1289.4	126.70	2.6697	1.773
55.00	1332.5	1290.5	126.71	2.6545	1.776
55.50	1333.8	1291.8	126.72	2.6396	1.779
56.00	1334.9	1292.9	126.73	2.6250	1.782
56.50	1336.0	1293.9	126.74	2.6106	1.785
57.00	1337.2	1295.2	126.74	2.5965	1.788
57.50	1338.3	1296.2	126.75	2.5826	1.791
58.00	1339.4	1297.4	126.76	2.5690	1.794
58.50	1340.5	1298.4	126.77	2.5556	1.797
59.00	1341.5	1299.5	126.78	2.5424	1.800
59.50	1342.7	1300.6	126.78	2.5294	1.803
60.00	1343.6	1301.6	126.79	2.5167	1.805
60.50	1344.6	1302.6	126.79	2.5041	1.808
61.00	1345.7	1303.7	126.80	2.4918	1.811
61.50	1346.7	1304.6	126.81	2.4797	1.813
62.00	1347.7	1305.6	126.81	2.4677	1.816
62.50	1348.7	1306.7	126.82	2.4560	1.819
63.00	1349.6	1307.6	126.83	2.4444	1.821
63.50	1350.7	1308.6	126.84	2.4331	1.824
64.00	1351.5	1309.5	126.85	2.4219	1.827
64.50	1352.4	1310.4	126.85	2.4109	1.829
65.00	1353.4	1311.4	126.86	2.4000	1.832
65.50	1354.3	1312.3	126.87	2.3893	1.834
66.00	1355.1	1313.1	126.88	2.3788	1.836
66.50	1356.1	1314.1	126.88	2.3684	1.839
67.00	1357.0	1314.9	126.89	2.3582	1.841
67.50	1357.9	1315.9	126.89	2.3481	1.844
68.00	1358.7	1316.7	126.90	2.3382	1.846
68.50	1359.5	1317.5	126.91	2.3285	1.848
69.00	1360.5	1318.5	126.91	2.3188	1.851
69.50	1361.2	1319.2	126.92	2.3094	1.853
70.00	1362.0	1320.0	126.92	2.3000	1.855
70.50	1362.9	1320.9	126.93	2.2908	1.858
71.00	1363.6	1321.6	126.94	2.2817	1.860
71.50	1364.4	1322.4	126.94	2.2727	1.862
72.00	1365.3	1323.3	126.95	2.2639	1.864
72.50	1366.1	1324.1	126.95	2.2552	1.866
73.00	1367.0	1325.0	126.96	2.2466	1.869
73.50	1367.6	1325.6	126.96	2.2381	1.870
74.00	1368.3	1326.3	126.97	2.2297	1.872
74.50	1369.2	1327.2	126.98	2.2215	1.875
75.00	1369.9	1327.9	126.98	2.2133	1.877
75.50	1370.6	1328.5	126.99	2.2053	1.878
76.00	1371.4	1329.3	126.99	2.1974	1.881
76.50	1372.1	1330.0	127.00	2.1895	1.883

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10587 DST#5 GREEN#1 KENNETH S. WHITE

DATE: 12/11/97

TIME: 15:51:42

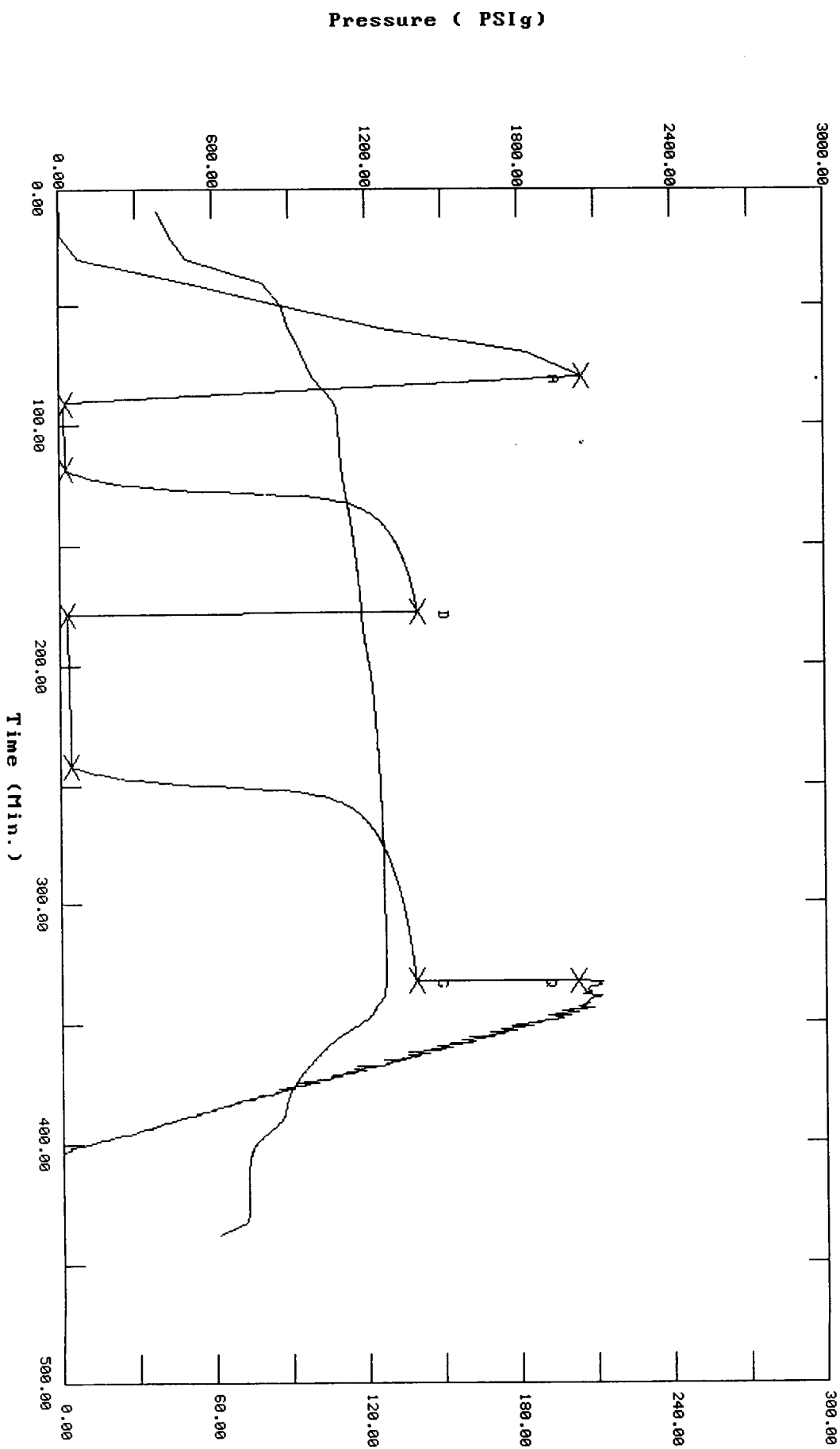
	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	77.00	1372.8	1330.7	127.01	2.1818	1.884
	77.50	1373.5	1331.5	127.02	2.1742	1.886
	78.00	1374.2	1332.2	127.02	2.1667	1.888
	78.50	1375.0	1333.0	127.03	2.1592	1.891
	79.00	1375.6	1333.6	127.04	2.1519	1.892
	79.50	1376.3	1334.2	127.03	2.1447	1.894
	80.00	1377.0	1335.0	127.04	2.1375	1.896
	80.50	1377.6	1335.6	127.05	2.1304	1.898
	81.00	1378.3	1336.2	127.06	2.1235	1.900
	81.50	1379.0	1337.0	127.06	2.1166	1.902
	82.00	1379.6	1337.6	127.07	2.1098	1.903
	82.50	1380.3	1338.3	127.08	2.1030	1.905
	83.00	1380.9	1338.9	127.07	2.0964	1.907
	83.50	1381.5	1339.4	127.09	2.0898	1.908
	84.00	1382.3	1340.2	127.09	2.0833	1.911
	84.50	1382.8	1340.8	127.09	2.0769	1.912
	85.00	1383.4	1341.3	127.10	2.0706	1.914
	85.50	1384.1	1342.1	127.11	2.0643	1.916
	86.00	1384.6	1342.6	127.12	2.0581	1.917
	86.50	1385.2	1343.1	127.12	2.0520	1.919
	87.00	1385.8	1343.8	127.12	2.0460	1.921
	87.50	1386.4	1344.3	127.13	2.0400	1.922
	88.00	1387.0	1345.0	127.13	2.0341	1.924
	88.50	1387.6	1345.5	127.14	2.0282	1.925
	89.00	1388.1	1346.1	127.14	2.0225	1.927
	89.50	1388.8	1346.8	127.16	2.0168	1.929
***** End Shut-in 2	90.00	1389.2	1347.2	127.16	2.0111	1.930
***** Final Hydro.	332.50	2028.2	0.0	127.16		

TEST HISTORY

10587 DST#5 GREEN#1 KENNETH S. WHITE

Flag Points
t(Min.) P(PSig)

A:	0.00	2049.49
B:	0.00	18.93
C:	27.50	23.08
D:	59.50	1401.57
E:	0.00	25.96
F:	63.50	42.02
G:	90.00	1389.19
H:	0.00	2028.24



TRILOBITE TESTING L.L.C.

DATE 12-12-97

KB 1907.00 ft

TICKET NO: 10588 DST #6

GR 1902.00 ft

FORMATION: Arbuckle

TD 4340.00 ft

TEST TYPE: CONVENTIONAL

ECORDER DATA

Mins			Field	1	2	3	4	TIME DATA
F	10	Rec.	10248	10248	3030			PF Fr. 1100 to 1110 hr
I	30	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 1110 to 1140 hr
F	30	Clock(hrs)	12hr.	12hr.	Batt.			SF Fr. 1140 to 1210 hr
S	60	Depth(ft)	4337.0	4337.0	4332.0	0.0	0.0	FS Fr. 1210 to 1310 hr

	Field	1	2	3	4			
Init Hydro	2272.0	2261.0	2210.0	0.0	0.0	T STARTED	0925	hr
First Flow	279.0	288.0	281.0	0.0	0.0	T ON BOTM	1057	hr
Final Flow	406.0	378.0	388.0	0.0	0.0	T OPEN	1100	hr
In Shut-in	1401.0	1402.0	1407.0	0.0	0.0	T PULLED	1312	hr
Init Flow	440.0	451.0	418.0	0.0	0.0	T OUT	0945	hr
Final Flow	947.0	946.0	960.0	0.0	0.0			
Fl Shut-in	1220.0	1226.0	1229.0	0.0	0.0	TOOL DATA-----		
Final Hydro	2096.0	2217.0	2079.0	0.0	0.0	Tool Wt.	2100.00	lbs
Inside/Outside	O	O	I	T		Wt Set On Packer	20000.00	lbs

RECOVERY

```

Total Fluid 3170.00 ft of      0.00 ft in DC and 3170.00 ft in DP
.00      ft of Gas in all fluid free pipe!
050.00   ft of Clean gassy oil. Approx. 30% gas 70%oil
20.00    ft of Gassy Oil Cut Mud 40%g 28%o 32%m
.00      ft of
.00      ft of
.00      ft of
.00      ft of Rw n/c ohms @      degrees F.
.00      ft of EST. FT. OF PAY-----10
SALINITY 7000.00 P.P.M. A.P.I. Gravity 41.00

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TOOL DATA-----		
Tool Wt.	2100.00	lbs
Wt Set On Packer	20000.00	lbs
Wt Pulled Loose	75000.00	lbs
Initial Str Wt	52000.00	lbs
Unseated Str Wt	62000.00	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	4320.00	ft

LOW DESCRIPTION

Initial Flow: Strong blow.
Bottom of bucket immediately.

Initial Shutin: Strong blow.
GTS 12 minutes into Initial Shutin.

Final Flow: Strong blow.
(See gas volume report.)

Final Shutin: Strong blow.

SAMPLES: none
SENT TO: Caraway / Liberal Ks

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/cf
Vis.	50.00 S/L
W.L.	10.40 in3
F.C.	0.20 in
Mud Drop N	

Amt. of fill	0.00	ft
Btm. H. Temp.	136.00	F
Hole Condition	good	
% Porosity	18.00	
Packer Size	6.75	in
No. of Packers	2	
Cushion Amt.	0.00	N
Cushion Type	None	
Reversed Out	N	
Tool Chased	N	
Tester	Gary Pevoteaux	
Co. Rep.	Tom Robinson	
Contr.	White & Ellis	
Rig #		8
Unit #		
Pump T.	LCM	trace

Test Successful: Y

Operator.....: Kenneth S White
Well Name.....: Green #1
DST Number.....: 6

Location.: 33-26S-12W
Test Type: conv
Formation: Arbuckle

Recorder No....: 3030
Recorder Depth: 4332
Test Interval.: 4326-4340

RESERVOIR CALCULATIONS: Fluid calculations based on shut-in #2

RESERVOIR PARAMETERS USED:

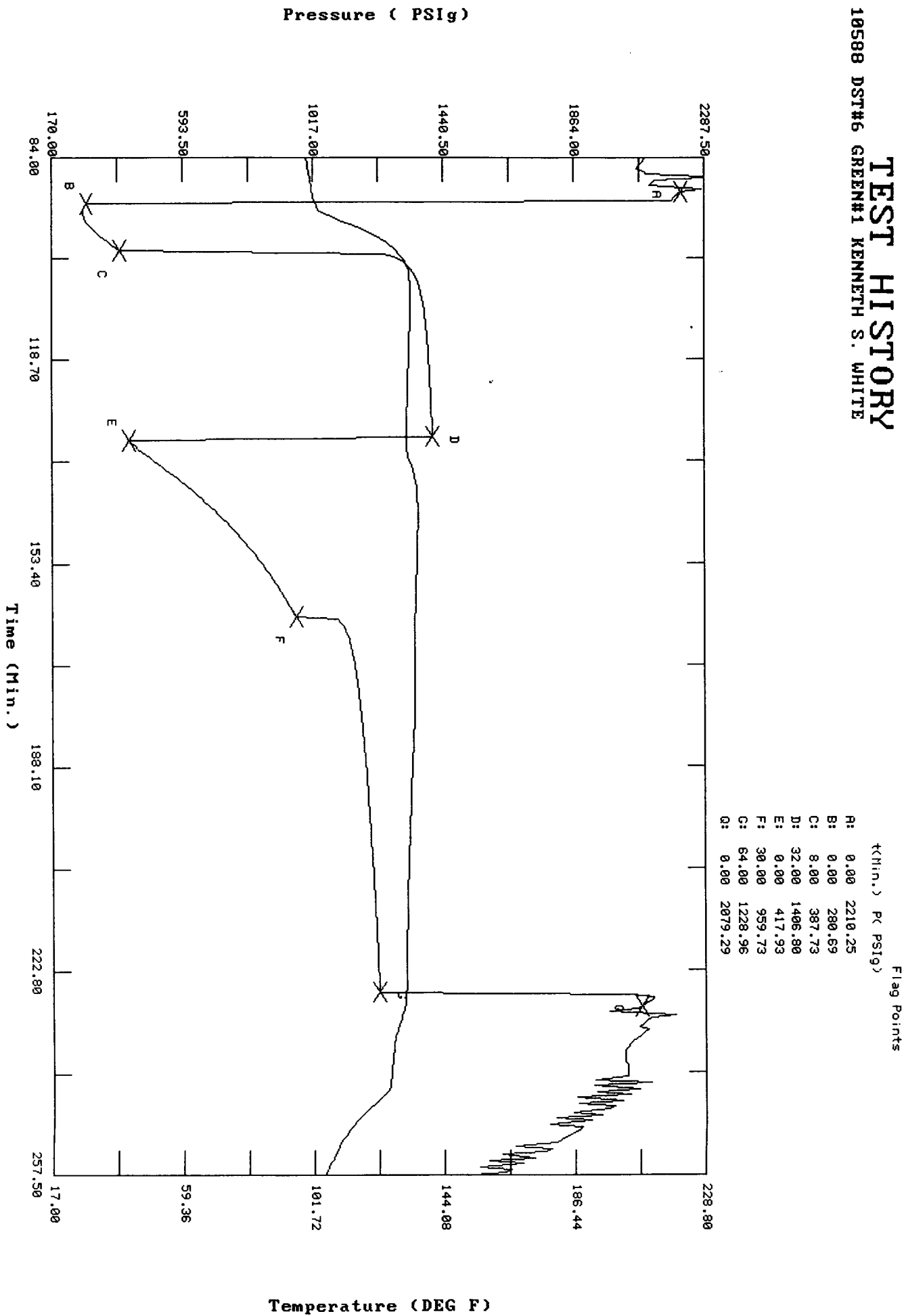
Net Pay.....	10.00 ft
Porosity.....	18.00 %
Bottom Hole Temp.....	136.00 F
Specific Gravity.....	0.026
API Gravity.....	41.00
Compressibility.....	0.000005 /psi
Viscosity.....	3.4304 cp
Total Recovery.....	3170.00 ft
Total Flowing Time.....	40.00 min.
Flow Rate.....	1121.36 bbls/d
Final Flowing Pressure.....	960.00 psi
Horner Slope.....	262.2909 psi/cycle
Extrapolated Pressure.....	1281.47 psi
Formation Volume Factor.....	1.04 Reservoir/Surface
Well Bore Radius.....	3.64 in

RESULTS:

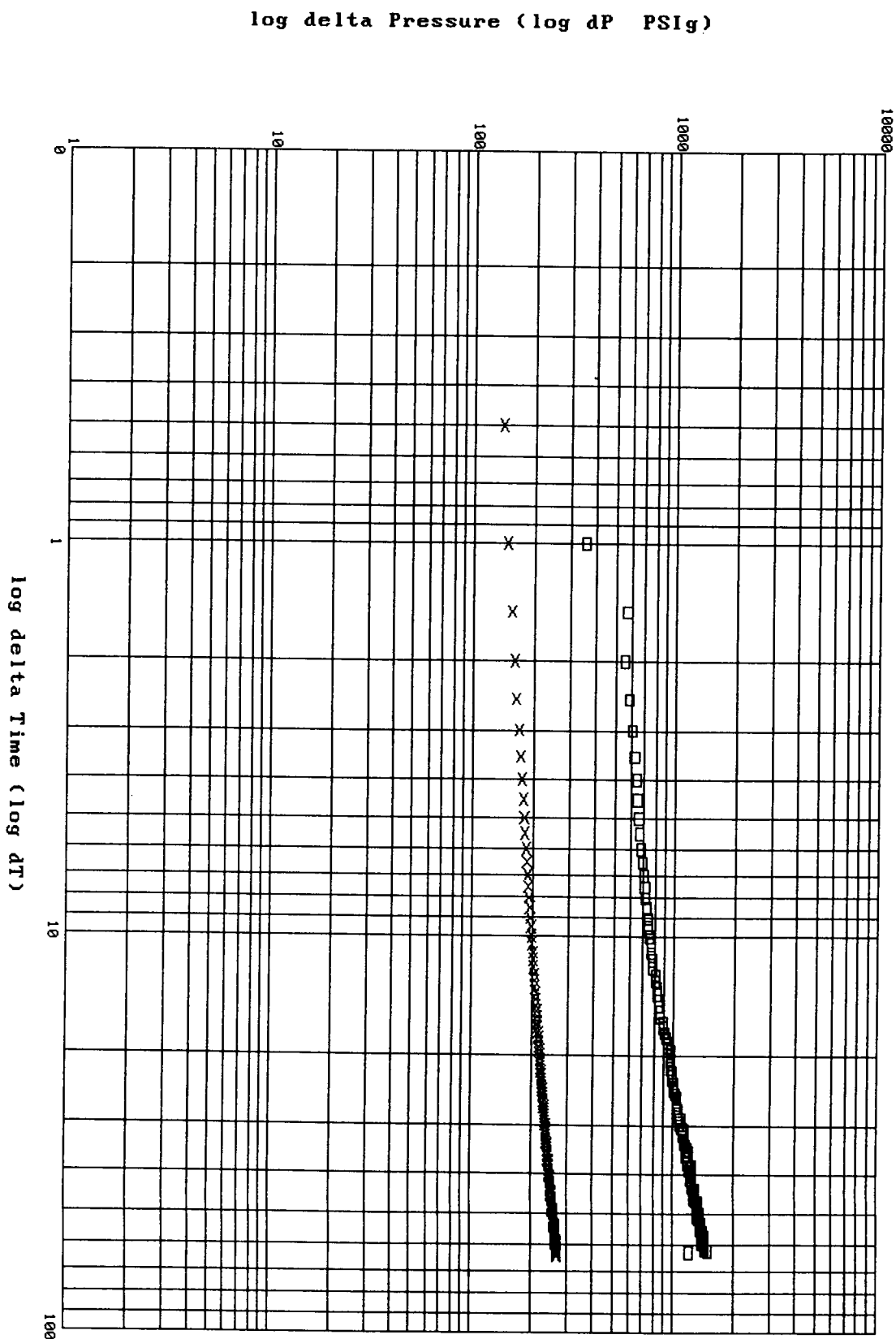
Effective Permeability.....	248.530316 md
Flow Capacity.....	2485.3032 md.ft
Transmissibility.....	724.4937 md.ft/cp
Skin Factor.....	-4.5163
Radius of Investigation.....	210.35282 ft
Damage Ratio.....	0.2380
Productivity Index.....	3.4882 bbls/psi.d
Productivity Index W/O Damage..	0.8302 bbls/psi.d

TEST HISTORY

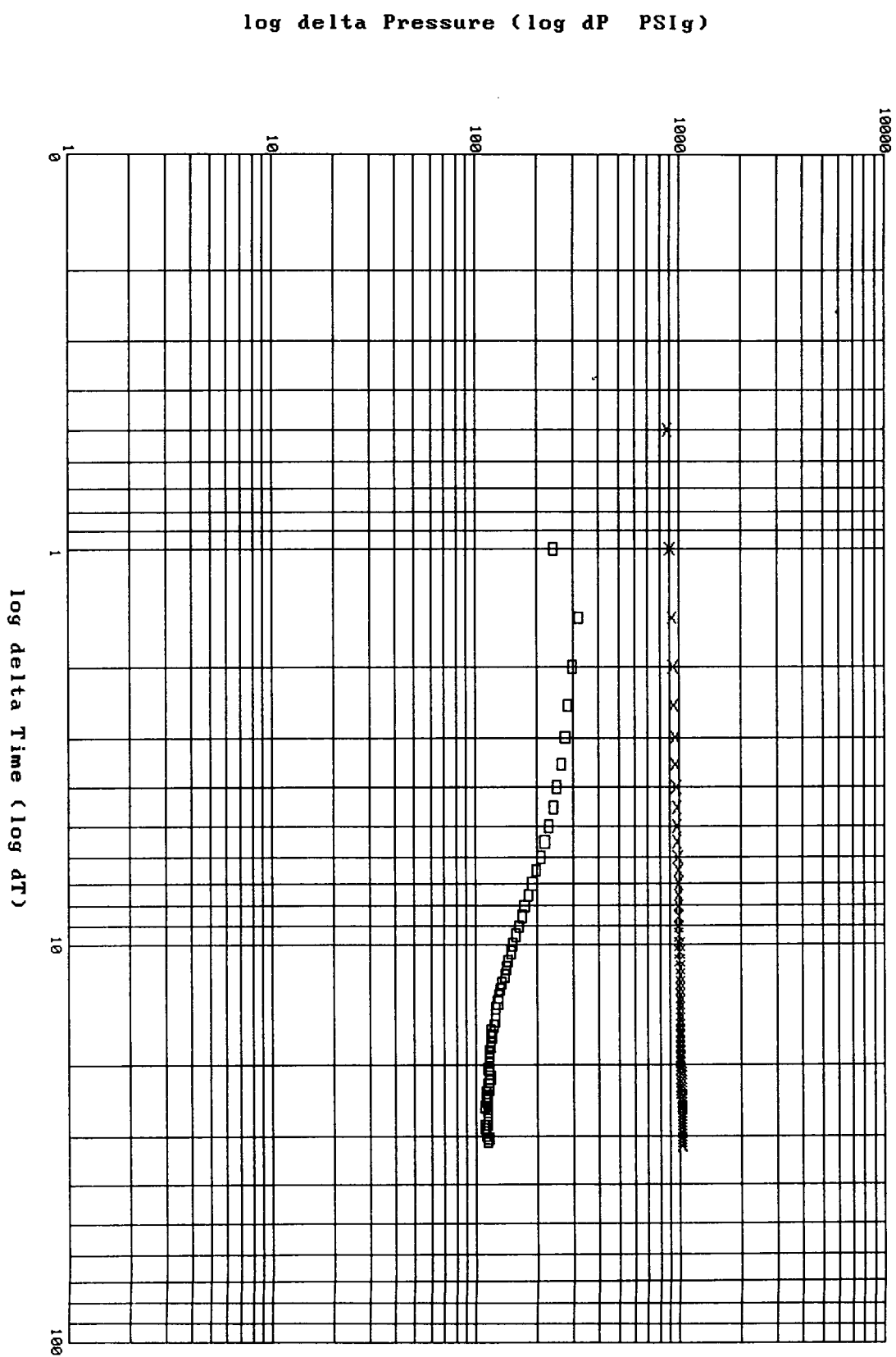
10588 DST#6 GREEN#1 KENNETH S. WHITE



Log-Log & Pseudo-Derivative: shut-in #2
10588 DST#6 GREEN#1 KENNETH S. WHITE



Log-Log & Pseudo-Derivative: shut-in #1
10588 DST#6 GREEN#1 KENNETH S. WHITE

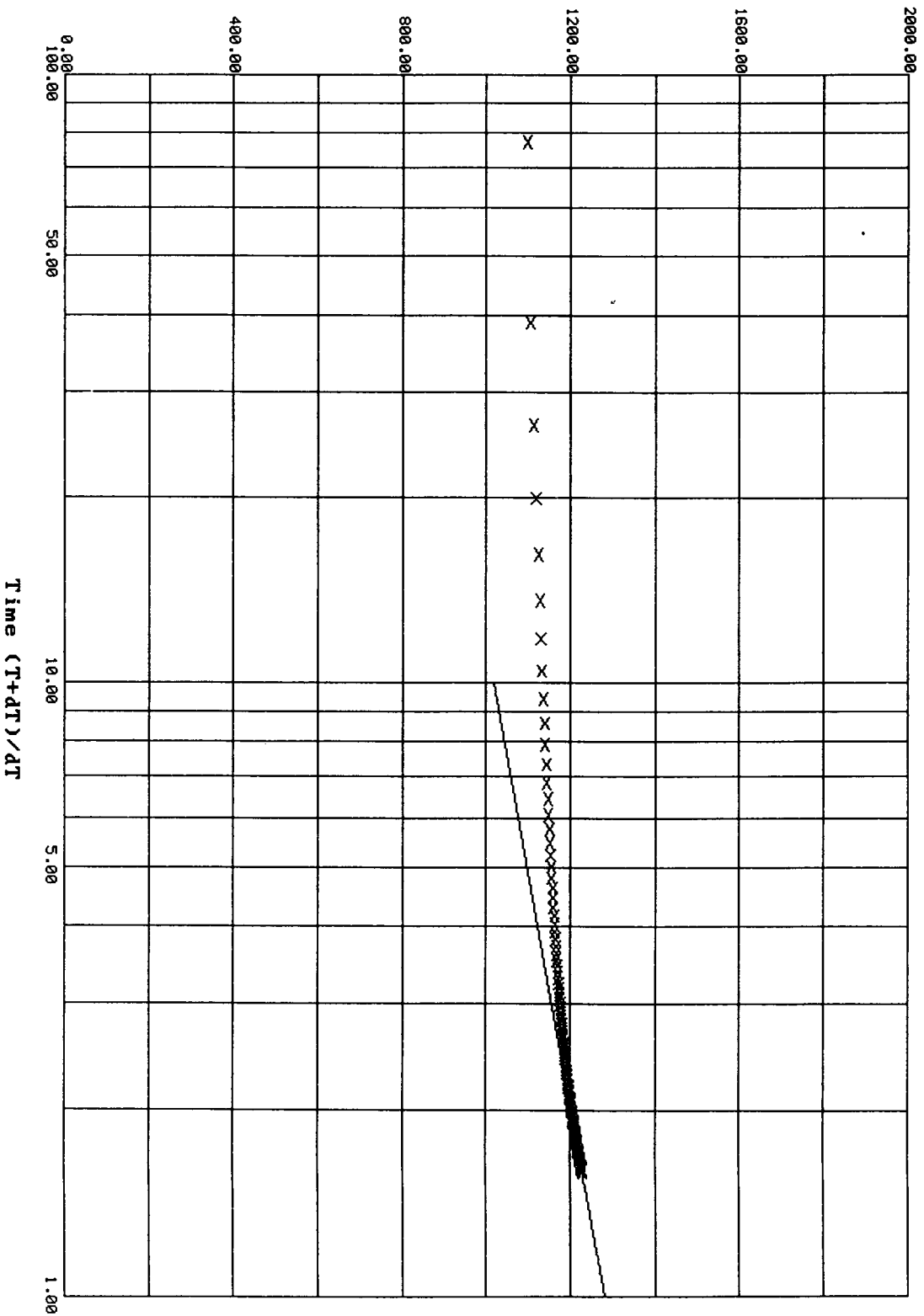


Horner Plot: shut-in #2

10588 DST#6 GREEN#1 KENNETH S. WHITE

Slope: 262.2909 PSig/cycle

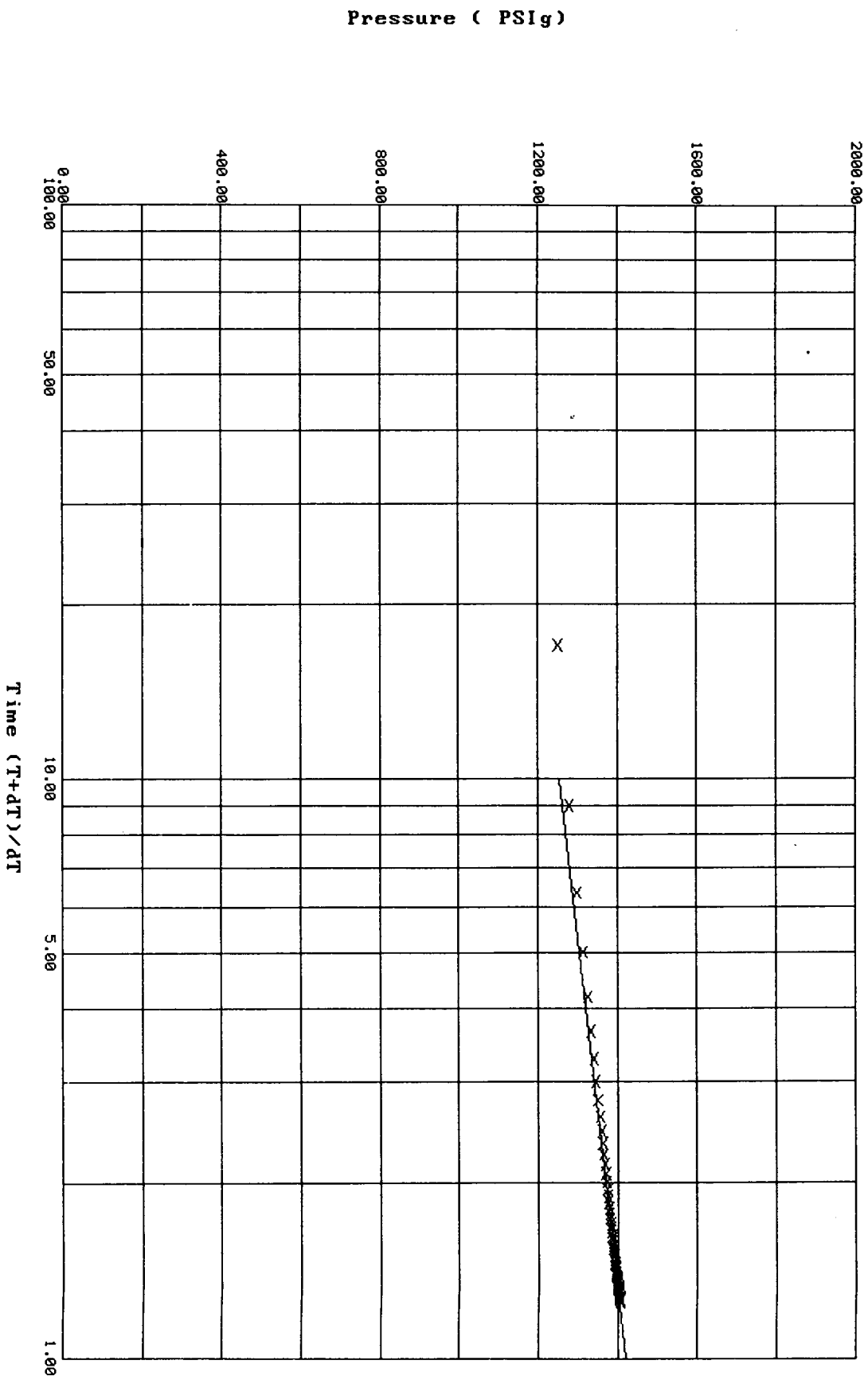
Ext. Pressure: 1281.4735 PSig



Horner Plot: shut-in #1

10588 DST#6 GREEN#1 KENNETH S. WHITE

Slope: 166.1828 PSig/cycle
Ext. Pressure: 1421.3986 PSig



GAS RECOVERY MEASURED WITH Adjusting Choke

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.25	0	40	10600.0
10	0.25	0	80	15000.0
20	0.25	0	66	13600.0
30	0.25	0	32	9500.0

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Green #1

LOCATION : 33-26S-12W Pratt Co. KS

TICKET No. 10588 D.S.T. No. 6 DATE 12-12-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 14

TOTAL TOOL 36

DRILL COLLAR ANCHOR IN INTERVAL

C. ANCHOR STND.Stands Single Total

P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 36

C. ABOVE TOOLS.Stands Single Total

P. ABOVE TOOLS.Stands69 Single 1 Total 4320

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4356

TOTAL DEPTH 4340

TOTAL DRILL PIPE ABOVE K.B. 16

REMARKS:

FLUID SAMPLER DATA (not run)

AS-----
IL----- ML.
UD----- ML.
ATER----- ML.
THER-----
RESSURE----- PSI
w----- OHMS @
HLORIDES----- DEGREES F
ppm.

COMMENTS: Problems with getting pipe &
recovery out of hole which Operator
and associates are aware of.

P.O. SUB
C.O. SUB Top of tool @ 4304

S.I. TOOL Sterling 4310

HMV Sterling 4315

JARS no

SAFETY JOINT Bowen 4317

PACKER Top 4321

PACKER Bottom 4326

DEPTH 4326
STUBB 1 ft. 4327

ANCHOR

perfs

Alpine rec. @4332

T.C.
DEPTH

8 ft. perfs to 4335

AK-1 rec. @4337

BULLNOSE 5' Perforated to 4340
T.D.

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10588 DST#6 GREEN#1 KENNETH S. WHITE

DATE: 12/12/97 TIME: 09:25:34

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	90.00	2210.3	0.0	101.36		
***** Start Flow 1	0.00	280.7	0.0	102.40		
	0.50	273.2	-7.5	102.79		
	1.00	269.3	-11.4	103.56		
	1.50	268.0	-12.7	104.89		
	2.00	269.3	-11.4	106.74		
	2.50	273.8	-6.9	108.99		
	3.00	280.0	-0.7	111.41		
	3.50	287.4	6.7	113.84		
	4.00	295.9	15.2	116.19		
	4.50	305.3	24.6	118.40		
	5.00	315.4	34.7	120.44		
	5.50	326.7	46.0	122.27		
	6.00	338.2	57.6	123.92		
	6.50	350.1	69.5	125.38		
	7.00	362.2	81.6	126.69		
	7.50	374.7	94.0	127.83		
***** End Flow 1	8.00	387.7	107.0	128.85		
***** Start Shutin 1	0.00	387.7	0.0	128.85	0.0000	0.150
	0.50	1251.0	863.3	129.74	17.0000	1.565
	1.00	1281.0	893.3	130.55	9.0000	1.641
	1.50	1299.7	911.9	131.24	6.3333	1.689
	2.00	1313.7	925.9	131.83	5.0000	1.726
	2.50	1324.6	936.8	132.30	4.2000	1.754
	3.00	1333.2	945.5	132.64	3.6667	1.777
	3.50	1340.3	952.6	132.87	3.2857	1.796
	4.00	1346.2	958.5	133.03	3.0000	1.812
	4.50	1351.2	963.5	133.14	2.7778	1.826
	5.00	1355.6	967.9	133.22	2.6000	1.838
	5.50	1359.4	971.7	133.30	2.4545	1.848
	6.00	1362.7	975.0	133.34	2.3333	1.857
	6.50	1365.6	977.9	133.38	2.2308	1.865
	7.00	1368.2	980.5	133.41	2.1429	1.872
	7.50	1370.5	982.8	133.43	2.0667	1.878
	8.00	1372.6	984.9	133.46	2.0000	1.884
	8.50	1374.5	986.8	133.46	1.9412	1.889
	9.00	1376.2	988.5	133.46	1.8889	1.894
	9.50	1377.9	990.1	133.45	1.8421	1.898
	10.00	1379.3	991.6	133.44	1.8000	1.903
	10.50	1380.7	992.9	133.43	1.7619	1.906
	11.00	1381.9	994.2	133.41	1.7273	1.910
	11.50	1383.1	995.4	133.38	1.6957	1.913
	12.00	1384.2	996.5	133.36	1.6667	1.916
	12.50	1385.3	997.6	133.33	1.6400	1.919
	13.00	1386.3	998.6	133.30	1.6154	1.922
	13.50	1387.2	999.5	133.28	1.5926	1.924
	14.00	1388.1	1000.4	133.24	1.5714	1.927
	14.50	1388.9	1001.2	133.21	1.5517	1.929
	15.00	1389.8	1002.0	133.18	1.5333	1.931
	15.50	1390.5	1002.8	133.15	1.5161	1.933
	16.00	1391.3	1003.6	133.11	1.5000	1.936

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10588 DST#6 GREEN#1 KENNETH S. WHITE

DATE: 12/12/97 TIME: 09:25:34

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	16.50	1392.0	1004.3	133.08	1.4848	1.938
	17.00	1392.7	1005.0	133.05	1.4706	1.940
	17.50	1393.3	1005.6	133.02	1.4571	1.941
	18.00	1394.0	1006.3	132.98	1.4444	1.943
	18.50	1394.6	1006.9	132.95	1.4324	1.945
	19.00	1395.2	1007.5	132.92	1.4211	1.947
	19.50	1395.8	1008.1	132.89	1.4103	1.948
	20.00	1396.3	1008.6	132.85	1.4000	1.950
	20.50	1396.9	1009.2	132.82	1.3902	1.951
	21.00	1397.4	1009.7	132.78	1.3810	1.953
	21.50	1398.0	1010.3	132.75	1.3721	1.954
	22.00	1398.5	1010.8	132.72	1.3636	1.956
	22.50	1399.0	1011.3	132.68	1.3556	1.957
	23.00	1399.5	1011.8	132.66	1.3478	1.959
	23.50	1400.0	1012.2	132.62	1.3404	1.960
	24.00	1400.5	1012.7	132.59	1.3333	1.961
	24.50	1400.9	1013.2	132.56	1.3265	1.962
	25.00	1401.4	1013.6	132.53	1.3200	1.964
	25.50	1401.8	1014.0	132.50	1.3137	1.965
	26.00	1402.2	1014.5	132.47	1.3077	1.966
	26.50	1402.6	1014.9	132.44	1.3019	1.967
	27.00	1403.1	1015.3	132.40	1.2963	1.969
	27.50	1403.5	1015.8	132.38	1.2909	1.970
	28.00	1403.9	1016.1	132.34	1.2857	1.971
	28.50	1404.3	1016.5	132.32	1.2807	1.972
	29.00	1404.6	1016.9	132.29	1.2759	1.973
	29.50	1405.0	1017.2	132.26	1.2712	1.974
	30.00	1405.4	1017.7	132.23	1.2667	1.975
	30.50	1405.7	1018.0	132.20	1.2623	1.976
	31.00	1406.1	1018.4	132.17	1.2581	1.977
	31.50	1406.5	1018.7	132.14	1.2540	1.978
***** End Shut-in 1	32.00	1406.8	1019.1	132.11	1.2500	1.979
***** Start Flow 2	0.00	417.9	0.0	132.08		
	0.50	427.7	9.8	132.02		
	1.00	438.9	21.0	131.99		
	1.50	450.1	32.1	132.06		
	2.00	462.5	44.6	132.22		
	2.50	475.0	57.0	132.49		
	3.00	487.8	69.9	132.80		
	3.50	500.7	82.8	133.14		
	4.00	513.6	95.6	133.49		
	4.50	525.7	107.8	133.83		
	5.00	538.8	120.9	134.14		
	5.50	551.3	133.4	134.42		
	6.00	563.6	145.6	134.68		
	6.50	576.3	158.4	134.91		
	7.00	588.1	170.2	135.08		
	7.50	599.8	181.8	135.25		
	8.00	611.4	193.4	135.39		
	8.50	622.7	204.8	135.50		
	9.00	633.9	216.0	135.59		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
 TEST: 10588 DST#6 GREEN#1 KENNETH S. WHITE
 DATE: 12/12/97 TIME: 09:25:34

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	9.50	644.8	226.9	135.67		
	10.00	655.8	237.8	135.73		
	10.50	666.3	248.4	135.78		
	11.00	676.7	258.7	135.81		
	11.50	687.7	269.8	135.84		
	12.00	697.1	279.1	135.86		
	12.50	706.9	288.9	135.87		
	13.00	716.7	298.8	135.87		
	13.50	725.5	307.5	135.86		
	14.00	735.6	317.7	135.85		
	14.50	744.4	326.4	135.83		
	15.00	753.3	335.4	135.82		
	15.50	762.2	344.2	135.80		
	16.00	770.9	352.9	135.78		
	16.50	779.6	361.6	135.76		
	17.00	787.8	369.9	135.74		
	17.50	796.1	378.2	135.71		
	18.00	804.2	386.2	135.68		
	18.50	812.5	394.6	135.65		
	19.00	820.4	402.5	135.63		
	19.50	828.1	410.1	135.60		
	20.00	835.2	417.2	135.57		
	20.50	842.3	424.4	135.54		
	21.00	849.1	431.2	135.51		
	21.50	856.5	438.6	135.48		
	22.00	863.5	445.6	135.45		
	22.50	870.5	452.6	135.42		
	23.00	877.1	459.2	135.38		
	23.50	883.6	465.7	135.35		
	24.00	889.5	471.6	135.32		
	24.50	896.0	478.1	135.28		
	25.00	902.6	484.6	135.25		
	25.50	908.4	490.4	135.22		
	26.00	914.6	496.7	135.18		
	26.50	920.2	502.3	135.14		
	27.00	926.3	508.4	135.11		
	27.50	931.6	513.7	135.08		
	28.00	937.0	519.1	135.04		
	28.50	942.4	524.5	135.01		
	29.00	947.4	529.4	134.98		
	29.50	952.4	534.4	134.95		
***** End Flow 2	30.00	959.7	541.8	134.92		
***** Start Shutin 2	0.00	959.7	0.0	134.92	0.0000	0.921
	0.50	1097.2	137.4	134.89	77.0000	1.204
	1.00	1106.6	146.9	134.87	39.0000	1.225
	1.50	1113.4	153.7	134.86	26.3333	1.240
	2.00	1118.8	159.1	134.84	20.0000	1.252
	2.50	1123.3	163.6	134.83	16.2000	1.262
	3.00	1127.3	167.5	134.83	13.6667	1.271
	3.50	1130.7	171.0	134.82	11.8571	1.278
	4.00	1133.8	174.0	134.81	10.5000	1.285

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10588 DST#6 GREEN#1 KENNETH S. WHITE

DATE: 12/12/97

TIME: 09:25:34

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
4.50	1136.5	176.8	134.82	9.4444	1.292
5.00	1139.0	179.3	134.81	8.6000	1.297
5.50	1141.3	181.6	134.82	7.9091	1.303
6.00	1143.5	183.7	134.81	7.3333	1.307
6.50	1145.5	185.7	134.81	6.8462	1.312
7.00	1147.3	187.6	134.81	6.4286	1.316
7.50	1149.1	189.4	134.81	6.0667	1.320
8.00	1150.9	191.2	134.81	5.7500	1.325
8.50	1152.5	192.7	134.80	5.4706	1.328
9.00	1154.0	194.3	134.80	5.2222	1.332
9.50	1155.5	195.8	134.80	5.0000	1.335
10.00	1156.9	197.2	134.79	4.8000	1.338
10.50	1158.3	198.6	134.78	4.6190	1.342
11.00	1159.6	199.9	134.77	4.4545	1.345
11.50	1160.9	201.2	134.76	4.3043	1.348
12.00	1162.1	202.4	134.75	4.1667	1.351
12.50	1163.4	203.6	134.74	4.0400	1.353
13.00	1164.5	204.8	134.72	3.9231	1.356
13.50	1165.7	206.0	134.71	3.8148	1.359
14.00	1166.8	207.1	134.70	3.7143	1.361
14.50	1167.9	208.2	134.68	3.6207	1.364
15.00	1169.0	209.2	134.67	3.5333	1.366
15.50	1170.0	210.3	134.66	3.4516	1.369
16.00	1171.0	211.3	134.64	3.3750	1.371
16.50	1172.0	212.3	134.63	3.3030	1.374
17.00	1173.0	213.2	134.61	3.2353	1.376
17.50	1174.0	214.3	134.60	3.1714	1.378
18.00	1174.9	215.2	134.59	3.1111	1.380
18.50	1175.8	216.1	134.57	3.0541	1.383
19.00	1176.8	217.1	134.56	3.0000	1.385
19.50	1177.7	218.0	134.54	2.9487	1.387
20.00	1178.6	218.9	134.50	2.9000	1.389
20.50	1179.5	219.8	134.46	2.8537	1.391
21.00	1180.3	220.6	134.42	2.8095	1.393
21.50	1181.2	221.5	134.36	2.7674	1.395
22.00	1182.0	222.3	134.28	2.7273	1.397
22.50	1182.8	223.1	134.22	2.6889	1.399
23.00	1183.7	224.0	134.14	2.6522	1.401
23.50	1184.4	224.7	134.08	2.6170	1.403
24.00	1185.2	225.5	134.02	2.5833	1.405
24.50	1186.0	226.2	133.96	2.5510	1.407
25.00	1186.7	227.0	133.91	2.5200	1.408
25.50	1187.5	227.8	133.85	2.4902	1.410
26.00	1188.2	228.5	133.80	2.4615	1.412
26.50	1189.0	229.3	133.75	2.4340	1.414
27.00	1189.7	230.0	133.70	2.4074	1.415
27.50	1190.4	230.6	133.66	2.3818	1.417
28.00	1191.1	231.4	133.62	2.3571	1.419
28.50	1191.8	232.1	133.59	2.3333	1.420
29.00	1192.5	232.8	133.56	2.3103	1.422
29.50	1193.1	233.4	133.53	2.2881	1.424

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10588 DST#6 GREEN#1 KENNETH S. WHITE

DATE: 12/12/97

TIME: 09:25:34

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
30.00	1193.8	234.1	133.50	2.2667	1.425
30.50	1194.5	234.8	133.48	2.2459	1.427
31.00	1195.1	235.4	133.45	2.2258	1.428
31.50	1195.9	236.1	133.42	2.2063	1.430
32.00	1196.5	236.8	133.39	2.1875	1.432
32.50	1197.2	237.4	133.36	2.1692	1.433
33.00	1197.8	238.0	133.32	2.1515	1.435
33.50	1198.4	238.7	133.28	2.1343	1.436
34.00	1199.1	239.3	133.24	2.1176	1.438
34.50	1199.7	239.9	133.20	2.1014	1.439
35.00	1200.3	240.6	133.15	2.0857	1.441
35.50	1200.9	241.2	133.11	2.0704	1.442
36.00	1201.5	241.8	133.06	2.0556	1.444
36.50	1202.1	242.3	133.02	2.0411	1.445
37.00	1202.7	242.9	132.98	2.0270	1.446
37.50	1203.3	243.6	132.94	2.0133	1.448
38.00	1203.9	244.2	132.90	2.0000	1.449
38.50	1204.5	244.7	132.85	1.9870	1.451
39.00	1205.1	245.4	132.81	1.9744	1.452
39.50	1205.6	245.9	132.78	1.9620	1.453
40.00	1206.1	246.4	132.74	1.9500	1.455
40.50	1206.7	247.0	132.70	1.9383	1.456
41.00	1207.3	247.6	132.67	1.9268	1.458
41.50	1207.9	248.1	132.63	1.9157	1.459
42.00	1208.4	248.6	132.60	1.9048	1.460
42.50	1208.9	249.2	132.57	1.8941	1.461
43.00	1209.5	249.7	132.53	1.8837	1.463
43.50	1210.0	250.3	132.51	1.8736	1.464
44.00	1210.6	250.8	132.47	1.8636	1.465
44.50	1211.1	251.4	132.44	1.8539	1.467
45.00	1211.6	251.8	132.41	1.8444	1.468
45.50	1212.1	252.4	132.38	1.8352	1.469
46.00	1212.6	252.9	132.35	1.8261	1.470
46.50	1213.1	253.4	132.32	1.8172	1.472
47.00	1213.6	253.9	132.30	1.8085	1.473
47.50	1214.1	254.4	132.27	1.8000	1.474
48.00	1214.7	254.9	132.24	1.7917	1.475
48.50	1215.1	255.4	132.21	1.7835	1.477
49.00	1215.7	255.9	132.19	1.7755	1.478
49.50	1216.2	256.4	132.16	1.7677	1.479
50.00	1216.6	256.9	132.14	1.7600	1.480
50.50	1217.1	257.4	132.11	1.7525	1.481
51.00	1217.6	257.9	132.09	1.7451	1.483
51.50	1218.1	258.4	132.06	1.7379	1.484
52.00	1218.5	258.8	132.04	1.7308	1.485
52.50	1219.0	259.3	132.01	1.7238	1.486
53.00	1219.5	259.8	132.00	1.7170	1.487
53.50	1220.0	260.3	131.96	1.7103	1.488
54.00	1220.4	260.7	131.95	1.7037	1.489
54.50	1220.9	261.2	131.92	1.6972	1.491
55.00	1221.3	261.6	131.90	1.6909	1.492

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10588 DST#6 GREEN#1 KENNETH S. WHITE

DATE: 12/12/97 TIME: 09:25:34

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	55.50	1221.8	262.1	131.88	1.6847	1.493
	56.00	1222.3	262.5	131.85	1.6786	1.494
	56.50	1222.7	263.0	131.83	1.6726	1.495
	57.00	1223.2	263.5	131.82	1.6667	1.496
	57.50	1223.6	263.9	131.79	1.6609	1.497
	58.00	1224.1	264.4	131.77	1.6552	1.498
	58.50	1224.5	264.8	131.75	1.6496	1.499
	59.00	1224.9	265.2	131.73	1.6441	1.500
	59.50	1225.4	265.6	131.71	1.6387	1.502
	60.00	1225.8	266.1	131.69	1.6333	1.503
	60.50	1226.2	266.5	131.67	1.6281	1.504
	61.00	1226.6	266.9	131.66	1.6230	1.505
	61.50	1227.1	267.4	131.64	1.6179	1.506
	62.00	1227.5	267.8	131.62	1.6129	1.507
	62.50	1227.9	268.2	131.61	1.6080	1.508
	63.00	1228.4	268.6	131.59	1.6032	1.509
	63.50	1228.8	269.1	131.57	1.5984	1.510
***** End Shut-in 2	64.00	1229.0	269.2	131.56	1.5938	1.510
***** Final Hydro.	229.00	2079.3	0.0	131.01		

TEST HISTORY

10588 DST#6 GREEN#1 KENNETH S. WHITE

Flag Points
t(Min.) P(PSig)

A: 0.00 2210.25
B: 0.00 280.69
C: 8.00 387.73
D: 32.00 1406.80
E: 0.00 417.93
F: 30.00 959.73
G: 64.00 1228.96
Q: 0.00 2079.29

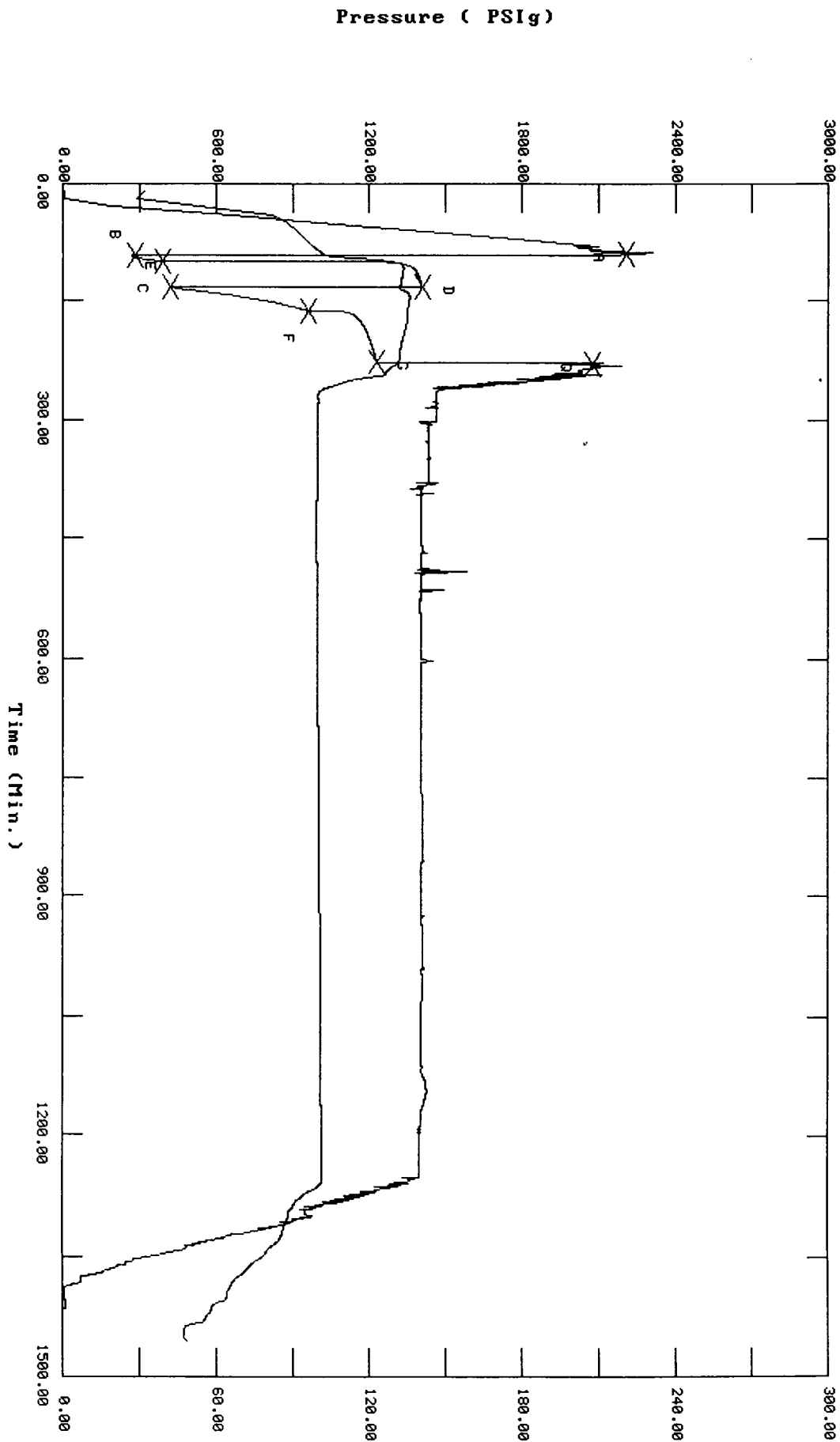
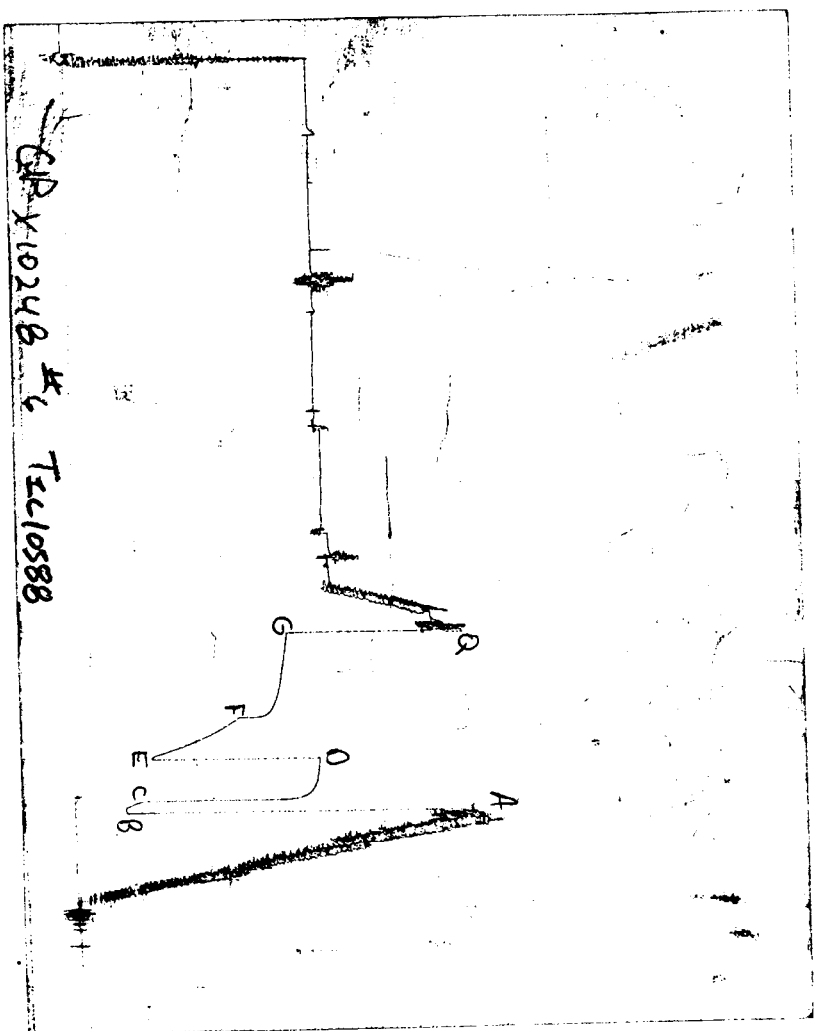


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This is a photocopy of the actual AK-1 recorder chart



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GAS VOLUME REPORT

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Kenneth S. White Green II

OPERATOR

WELL NAME AND NO.

DST NO.

Remarks: