ORIGINAL

15-051-24949

Computer Inventoried

WELL NAME: Solomon #1
COMPANY: John O. Farmer
LOCATION: Sec. 33 Twp. 11s Rge. 19w
Ellis County Kansas
DATE: 12-18-96

ORIGINAL

TRILOBITE TESTING L.L.C.

OPERATOR : John O Farmer — DATE 12-16-96
WELL NAME: Solomon #1 — KB 2130.00 ft — TICKET NO: 9670 — DST #1
LOCATION : 33-11s-19w Ellis KS — GR 2125.00 ft — FORMATION: Arbuckle
INTERVAL : 3633.00 To 3666.00 ft — TD 3666.00 ft — TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4
PF 45	Rec.	10332	10332	2357		
SI 45	Range(Psi)	3050.0	3050.0	4995.0	0.0	0.0
SF 45	Clock(hrs)	12	12	Elec.		
FS 60	Depth(ft)	3638.0	3638.0	3661.0	0.0	0.0

TIME DATA----------
PF Fr. 0329 to 0414 hr
IS Fr. 0414 to 0459 hr
SF Fr. 0459 to 0544 hr
FS Fr. 0544 to 0644 hr

	Field	1	2	3	4
A. Init Hydro	1835.0	1803.0	1801.0	0.0	0.0
B. First Flow	51.0	40.0	30.0	0.0	0.0
B1. Final Flow	122.0	107.0	116.0	0.0	0.0
C. In Shut-in	374.0	366.0	384.0	0.0	0.0
D. Init Flow	152.0	130.0	118.0	0.0	0.0
E. Final Flow	172.0	154.0	156.0	0.0	0.0
F. Fl Shut-in	273.0	250.0	265.0	0.0	0.0
G. Final Hydro	1814.0	1797.0	1780.0	0.0	0.0
Inside/Outside	I	I	O		

T STARTED 0219 hr
T ON BOTM 0327 hr
T OPEN 0329 hr
T PULLED 0644 hr
T OUT 0825 hr

RECOVERY
Tot Fluid 290.00 ft of 0.00 ft in DC and 290.00 ft in DP
50.00 ft of muddy oil 70% oil 30% mud
60.00 ft of sl oil cut mud 5% oil 95 % mud
60.00 ft of sl oil and water cut mud 5% oil 10% water
0.00 ft of 85% mud
60.00 ft of muddy water w/ oil scum 45% mud 55% water
60.00 ft of muddy water 15% mud 85% water
0.00 ft of
0.00 ft of Rw .3@ 60
SALINITY 27000.00 P.P.M. A.P.I. Gravity 19.00

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

Tool Wt.	2000.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	35000.00 lbs
Initial Str Wt	34000.00 lbs
Unseated Str Wt	34000.00 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	3048.00 ft
H.W. I.D	2.70 in
H.W. Length	568.00 ft

BLOW DESCRIPTION
Initial Flow - .
1" blow building to 9"

Initial Shut-in -
No blow

Final Flow -
Weak surface blow building to 5"

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

Mud Type	Chem
Weight	9.30 lb/cf
Vis.	53.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop	N
Amt. of fill	0.00 ft
Btm. H. Temp.	116.00 F
Hole Condition	Good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	N
Tool Chased	N
Tester	Paul Simpson
Co. Rep.	Marty Dubois
Contr.	Abercrombie
Rig #	8
Unit #	
Pump T.	

SAMPLES:
SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Solomon #1

LOCATION : 33-11s-19w Ellis KS

TICKET No. 9670 D.S.T. No. 1 DATE 12-16-96

TOTAL TOOL TO BOTTOM OF TOP PACKERS 21

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 33

TOTAL TOOL 54

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 54

D.C. ABOVE TOOLS.Stands Single Total

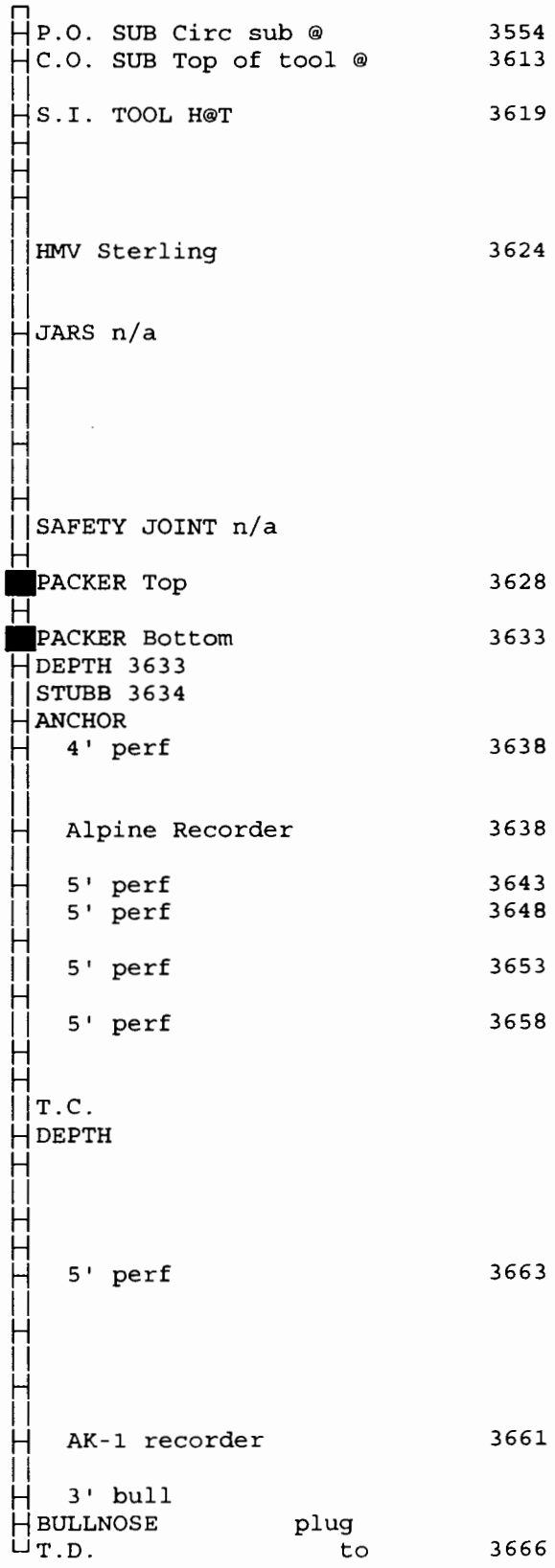
D.P. ABOVE TOOLS.Stands58 Single 1 Total 3615

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3669

TOTAL DEPTH 3666

TOTAL DRILL PIPE ABOVE K.B. 3

REMARKS:
There appeared to be 2 zones tested The lower pressure zone was 218#



ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9670 John O Farmer Solomon #1 DST #1

DATE: 12/16/96 TIME: 01:39:59

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
****** Initial Hydro.	109.00	1801.0	0.0	106.44		
****** Start Flow 1	0.00	29.5	0.0	106.59		
	1.00	33.2	3.7	106.69		
	2.00	37.8	8.2	106.76		
	3.00	41.6	12.1	106.81		
	4.00	45.4	15.9	106.91		
	5.00	48.2	18.7	107.06		
	6.00	52.4	22.8	107.21		
	7.00	56.8	27.3	107.35		
	8.00	59.1	29.5	107.52		
	9.00	61.3	31.7	107.70		
	10.00	65.9	36.3	107.91		
	11.00	67.9	38.4	108.11		
	12.00	70.5	41.0	108.30		
	13.00	72.4	42.9	108.47		
	14.00	74.2	44.6	108.61		
	15.00	76.4	46.8	108.74		
	16.00	79.0	49.4	108.85		
	17.00	79.3	49.8	108.95		
	18.00	81.7	52.2	109.02		
	19.00	83.8	54.3	109.08		
	20.00	85.7	56.1	109.13		
	21.00	86.9	57.4	109.18		
	22.00	87.8	58.2	109.23		
	23.00	89.5	59.9	109.28		
	24.00	90.9	61.4	109.33		
	25.00	92.6	63.0	109.40		
	26.00	94.1	64.5	109.47		
	27.00	95.6	66.1	109.54		
	28.00	96.3	66.8	109.61		
	29.00	97.9	68.4	109.68		
	30.00	99.4	69.9	109.75		
	31.00	100.9	71.3	109.82		
	32.00	102.3	72.8	109.88		
	33.00	103.7	74.2	109.95		
	34.00	105.1	75.5	110.02		
	35.00	106.4	76.9	110.09		
	36.00	107.8	78.2	110.17		
	37.00	108.8	79.3	110.24		
	38.00	110.0	80.5	110.31		
	39.00	111.2	81.7	110.38		
	40.00	112.2	82.7	110.46		
	41.00	113.2	83.7	110.54		
	42.00	114.2	84.7	110.62		
	43.00	115.2	85.7	110.72		
	44.00	116.0	86.4	110.81		
****** End Flow 1	45.00	116.3	86.8	110.93		
****** Start Shutin 1	0.00	116.3	0.0	110.93	0.0000	0.014
	1.00	190.0	73.7	111.08	46.0000	0.036
	2.00	207.1	90.8	111.24	23.5000	0.043
	3.00	211.5	95.2	111.44	16.0000	0.045

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9670 John O Farmer Solomon #1 DST #1

DATE: 12/16/96 TIME: 01:39:59

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	4.00	214.4	98.1	111.69	12.2500	0.046
	5.00	216.8	100.5	111.98	10.0000	0.047
	6.00	218.3	102.0	112.29	8.5000	0.048
	7.00	219.8	103.5	112.58	7.4286	0.048
	8.00	221.2	104.9	112.85	6.6250	0.049
	9.00	221.1	104.8	113.10	6.0000	0.049
	10.00	222.6	106.3	113.31	5.5000	0.050
	11.00	224.3	108.0	113.48	5.0909	0.050
	12.00	226.8	110.4	113.63	4.7500	0.051
	13.00	229.4	113.1	113.75	4.4615	0.053
	14.00	231.2	114.9	113.86	4.2143	0.053
	15.00	233.7	117.4	113.95	4.0000	0.055
	16.00	237.8	121.4	114.03	3.8125	0.057
	17.00	243.4	127.1	114.09	3.6471	0.059
	18.00	250.9	134.5	114.15	3.5000	0.063
	19.00	258.9	142.6	114.21	3.3684	0.067
	20.00	267.2	150.9	114.25	3.2500	0.071
	21.00	274.8	158.5	114.30	3.1429	0.075
	22.00	281.6	165.3	114.33	3.0455	0.079
	23.00	288.1	171.8	114.37	2.9565	0.083
	24.00	295.2	178.9	114.40	2.8750	0.087
	25.00	302.2	185.9	114.42	2.8000	0.091
	26.00	309.7	193.4	114.45	2.7308	0.096
	27.00	316.8	200.5	114.48	2.6667	0.100
	28.00	323.5	207.2	114.50	2.6071	0.105
	29.00	329.7	213.4	114.53	2.5517	0.109
	30.00	336.0	219.7	114.55	2.5000	0.113
	31.00	342.0	225.7	114.58	2.4516	0.117
	32.00	347.5	231.1	114.60	2.4062	0.121
	33.00	352.7	236.4	114.61	2.3636	0.124
	34.00	357.1	240.8	114.62	2.3235	0.128
	35.00	361.3	245.0	114.64	2.2857	0.131
	36.00	364.7	248.4	114.66	2.2500	0.133
	37.00	367.8	251.4	114.66	2.2162	0.135
	38.00	370.4	254.0	114.68	2.1842	0.137
	39.00	373.1	256.7	114.70	2.1538	0.139
	40.00	375.7	259.4	114.71	2.1250	0.141
	41.00	377.4	261.1	114.71	2.0976	0.142
	42.00	379.3	262.9	114.73	2.0714	0.144
	43.00	381.1	264.8	114.73	2.0465	0.145
	44.00	382.7	266.4	114.73	2.0227	0.146
****** End Shut-in 1	45.00	384.0	267.6	114.75	2.0000	0.147
****** Start Flow 2	0.00	117.7	0.0	114.75		
	1.00	119.3	1.6	114.76		
	2.00	120.8	3.1	114.77		
	3.00	122.9	5.1	114.79		
	4.00	124.8	7.0	114.81		
	5.00	126.6	8.8	114.84		
	6.00	127.9	10.2	114.88		
	7.00	129.0	11.2	114.92		
	8.00	129.9	12.2	114.97		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9670 John O Farmer Solomon #1 DST #1

DATE: 12/16/96 TIME: 01:39:59

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	9.00	130.9	13.2	115.03		
	10.00	131.9	14.2	115.09		
	11.00	132.8	15.1	115.14		
	12.00	133.9	16.2	115.18		
	13.00	134.9	17.1	115.22		
	14.00	135.7	18.0	115.26		
	15.00	136.4	18.6	115.29		
	16.00	137.3	19.6	115.33		
	17.00	138.2	20.5	115.36		
	18.00	139.1	21.3	115.41		
	19.00	140.0	22.2	115.46		
	20.00	140.7	23.0	115.53		
	21.00	141.8	24.1	115.60		
	22.00	142.6	24.8	115.68		
	23.00	143.3	25.5	115.75		
	24.00	143.9	26.2	115.83		
	25.00	144.7	26.9	115.91		
	26.00	145.4	27.6	115.98		
	27.00	145.9	28.2	116.05		
	28.00	146.7	29.0	116.11		
	29.00	147.4	29.6	116.16		
	30.00	148.1	30.4	116.21		
	31.00	148.6	30.9	116.26		
	32.00	149.4	31.6	116.30		
	33.00	150.1	32.3	116.34		
	34.00	150.6	32.9	116.38		
	35.00	150.9	33.2	116.42		
	36.00	151.6	33.8	116.44		
	37.00	152.2	34.4	116.47		
	38.00	152.8	35.1	116.50		
	39.00	153.5	35.8	116.52		
	40.00	154.0	36.3	116.56		
	41.00	154.6	36.8	116.57		
	42.00	155.3	37.5	116.60		
****** End Flow 2	43.00	155.8	38.0	116.62		
****** Start Shutin 2	0.00	155.8	0.0	116.62	0.0000	0.024
	1.00	206.7	50.9	116.64	89.0000	0.043
	2.00	214.6	58.8	116.66	45.0000	0.046
	3.00	216.4	60.7	116.68	30.3333	0.047
	4.00	218.0	62.2	116.70	23.0000	0.048
	5.00	219.1	63.4	116.71	18.6000	0.048
	6.00	220.1	64.3	116.73	15.6667	0.048
	7.00	220.8	65.0	116.75	13.5714	0.049
	8.00	221.5	65.7	116.77	12.0000	0.049
	9.00	222.3	66.6	116.78	10.7778	0.049
	10.00	223.2	67.4	116.80	9.8000	0.050
	11.00	224.2	68.5	116.81	9.0000	0.050
	12.00	225.2	69.4	116.83	8.3333	0.051
	13.00	226.5	70.8	116.82	7.7692	0.051
	14.00	227.9	72.1	116.84	7.2857	0.052
	15.00	229.3	73.5	116.85	6.8667	0.053

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9670 John O Farmer Solomon #1 DST #1

DATE: 12/16/96 TIME: 01:39:59

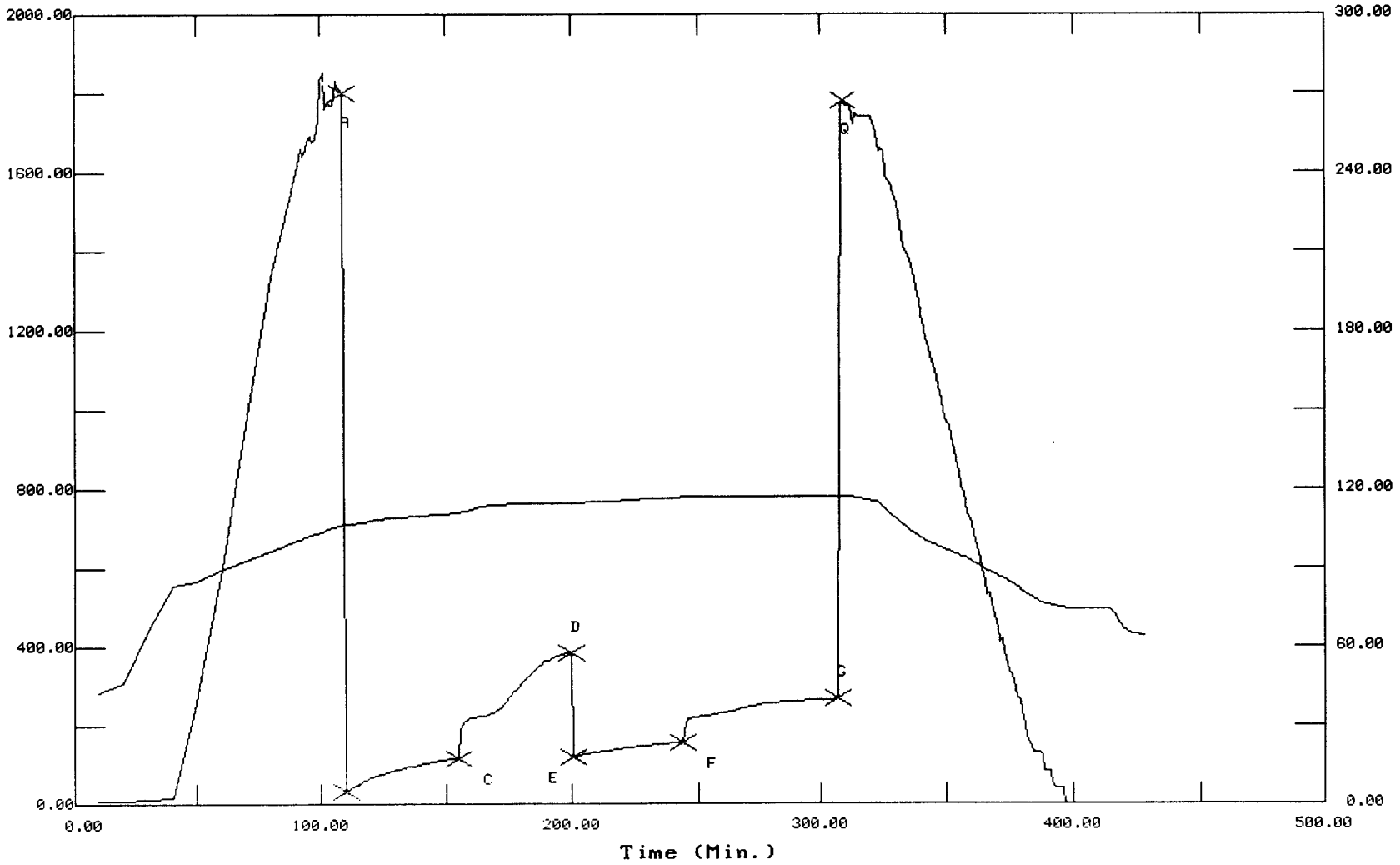
	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	16.00	230.6	74.9	116.85	6.5000	0.053
	17.00	231.5	75.8	116.85	6.1765	0.054
	18.00	232.6	76.9	116.86	5.8889	0.054
	19.00	233.6	77.9	116.87	5.6316	0.055
	20.00	234.8	79.1	116.88	5.4000	0.055
	21.00	236.4	80.7	116.88	5.1905	0.056
	22.00	238.1	82.3	116.88	5.0000	0.057
	23.00	240.0	84.3	116.88	4.8261	0.058
	24.00	240.9	85.2	116.89	4.6667	0.058
	25.00	242.3	86.5	116.89	4.5200	0.059
	26.00	243.8	88.0	116.90	4.3846	0.059
	27.00	245.2	89.5	116.89	4.2593	0.060
	28.00	247.3	91.6	116.90	4.1429	0.061
	29.00	248.5	92.7	116.90	4.0345	0.062
	30.00	250.3	94.5	116.90	3.9333	0.063
	31.00	251.4	95.7	116.89	3.8387	0.063
	32.00	252.4	96.7	116.89	3.7500	0.064
	33.00	253.1	97.4	116.88	3.6667	0.064
	34.00	253.7	97.9	116.88	3.5882	0.064
	35.00	254.0	98.2	116.88	3.5143	0.064
	36.00	254.7	99.0	116.88	3.4444	0.065
	37.00	254.9	99.1	116.88	3.3784	0.065
	38.00	255.6	99.9	116.88	3.3158	0.065
	39.00	256.5	100.7	116.88	3.2564	0.066
	40.00	257.2	101.5	116.89	3.2000	0.066
	41.00	257.9	102.1	116.89	3.1463	0.067
	42.00	258.2	102.4	116.90	3.0952	0.067
	43.00	258.5	102.7	116.91	3.0465	0.067
	44.00	259.2	103.4	116.90	3.0000	0.067
	45.00	259.5	103.7	116.91	2.9556	0.067
	46.00	259.7	104.0	116.92	2.9130	0.067
	47.00	259.9	104.2	116.91	2.8723	0.068
	48.00	260.3	104.6	116.90	2.8333	0.068
	49.00	260.6	104.8	116.92	2.7959	0.068
	50.00	261.2	105.4	116.93	2.7600	0.068
	51.00	261.8	106.0	116.93	2.7255	0.069
	52.00	262.1	106.3	116.94	2.6923	0.069
	53.00	262.3	106.5	116.95	2.6604	0.069
	54.00	262.7	106.9	116.96	2.6296	0.069
	55.00	263.1	107.3	116.97	2.6000	0.069
	56.00	263.0	107.3	116.97	2.5714	0.069
	57.00	263.4	107.6	116.99	2.5439	0.069
	58.00	263.9	108.2	117.00	2.5172	0.070
	59.00	264.2	108.4	117.01	2.4915	0.070
	60.00	264.4	108.6	117.02	2.4667	0.070
	61.00	264.6	108.9	117.02	2.4426	0.070
	62.00	264.9	109.1	117.02	2.4194	0.070
****** End Shut-in 2	63.00	265.0	109.3	117.02	2.3968	0.070
****** Final Hydro.	309.00	1780.0	0.0	117.05		

TEST HISTORY

9670 John O Farmer Solomon #1 DST #1

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	1801.00
B:	0.00	29.53
C:	45.00	116.32
D:	45.00	383.96
E:	0.00	117.74
F:	43.00	155.76
G:	63.00	265.04
Q:	0.00	1780.02



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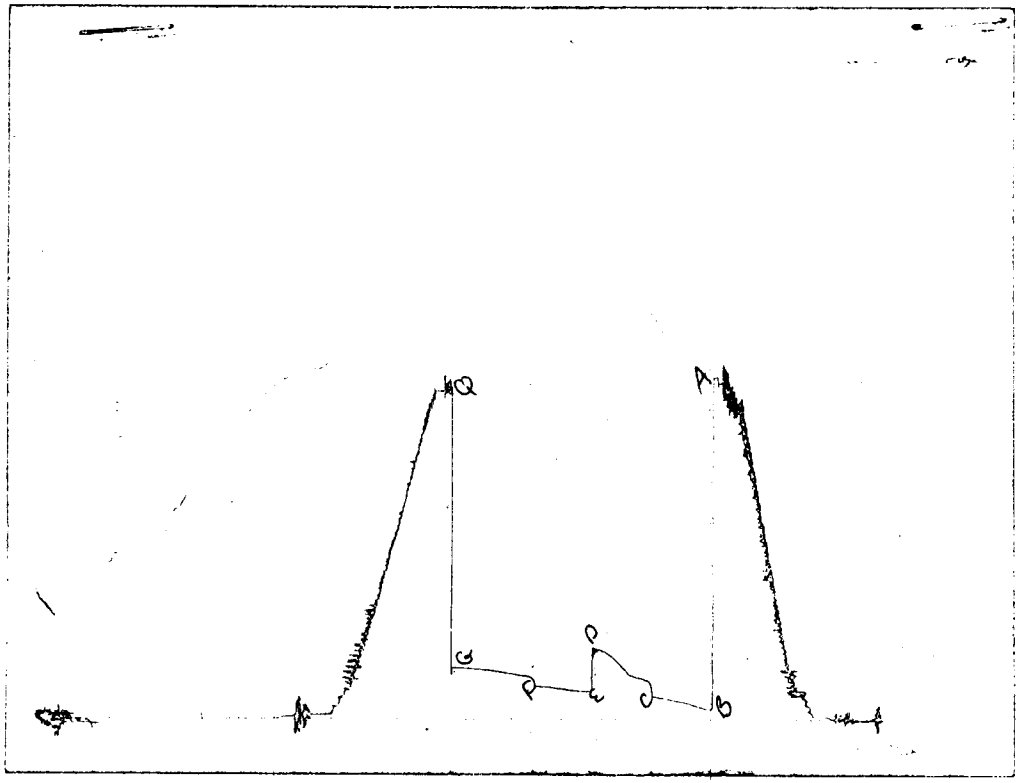


This is a photocopy of the actual AK-1 recorder chart

TRILOBITE TESTING L.L.C.

OPERATOR : John O Farmer
WELL NAME: Solomon #1
LOCATION : 33-11s-19w Ellis KS
INTERVAL : 3663.00 To 3673.00 ft

DATE 12-16-96
KB 2130.00 ft TICKET NO: 9671 DST #2
GR 2125.00 ft FORMATION: Arbuckle
TD 3673.00 ft TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4
PF 45	Rec.			2357		
SI 45	Range(Psi)	0.0	0.0	4995.0	0.0	0.0
SF 45	Clock(hrs)			Elec.		
FS 60	Depth(ft)	0.0	0.0	3665.0	0.0	0.0

TIME DATA----------
PF Fr. 1531 to 1616 hr
IS Fr. 1616 to 1701 hr
SF Fr. 1701 to 1746 hr
FS Fr. 1746 to 1846 hr

	Field	1	2	3	4
A. Init Hydro	0.0	0.0	1825.0	0.0	0.0
B. First Flow	0.0	0.0	24.0	0.0	0.0
B1. Final Flow	0.0	0.0	178.0	0.0	0.0
C. In Shut-in	0.0	0.0	1030.0	0.0	0.0
D. Init Flow	0.0	0.0	184.0	0.0	0.0
E. Final Flow	0.0	0.0	291.0	0.0	0.0
F. Fl Shut-in	0.0	0.0	1025.0	0.0	0.0
G. Final Hydro	0.0	0.0	1848.0	0.0	0.0
Inside/Outside		O			

T STARTED 1325 hr
T ON BOTM 1528 hr
T OPEN 1531 hr
T PULLED 1846 hr
T OUT 2026 hr

RECOVERY
Tot Fluid 620.00 ft of 0.00 ft in DC and 620.00 ft in DP
0.00 ft of
620.00 ft of slightly muddy water
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 .33@60
SALINITY 25000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION
Initial Flow -
1/2" blow building to bottom of bucket in 29 minutes

Initial Shut-in -
No blow

Final Flow -
Very weak surface blow building to 4 1/2"

Final Shut-in -
No blow
SAMPLES:
SENT TO:

Test Successful: Y

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

Tool Wt.	1600.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	36000.00 lbs
Initial Str Wt	34000.00 lbs
Unseated Str Wt	34000.00 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	3677.00 ft
H.W. I.D	2.70 in
H.W. Length	568.00 ft

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

Mud Type	Chem
Weight	9.40 lb/cf
Vis.	42.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop	N
Amt. of fill	0.00 ft
Btm. H. Temp.	123.00 F
Hole Condition	Good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	N
Tool Chased	N
Tester	Paul Simpson
Co. Rep.	Marty Dubois
Contr.	Abercrombie
Rig #	8
Unit #	
Pump T.	

*** TOOL DIAGRAM *** CONV

ELL NAME: Solomon #1

OCATION : 33-11s-19w Ellis KS

ICKET No. 9671 D.S.T. No. 2 DATE 12-16-96

OTAL TOOL TO BOTTOM OF TOP PACKERS 21

NTERVAL TOOL .....

OTTOM PACKERS AND ANCHOR 10

OTAL TOOL 31

RILL COLLAR ANCHOR IN INTERVAL .....

.C. ANCHOR STND.Stands Single Total

.P. ANCHOR STND.Stands Single Total

OTAL ASSEMBLY 31

.C. ABOVE TOOLS.Stands Single Total

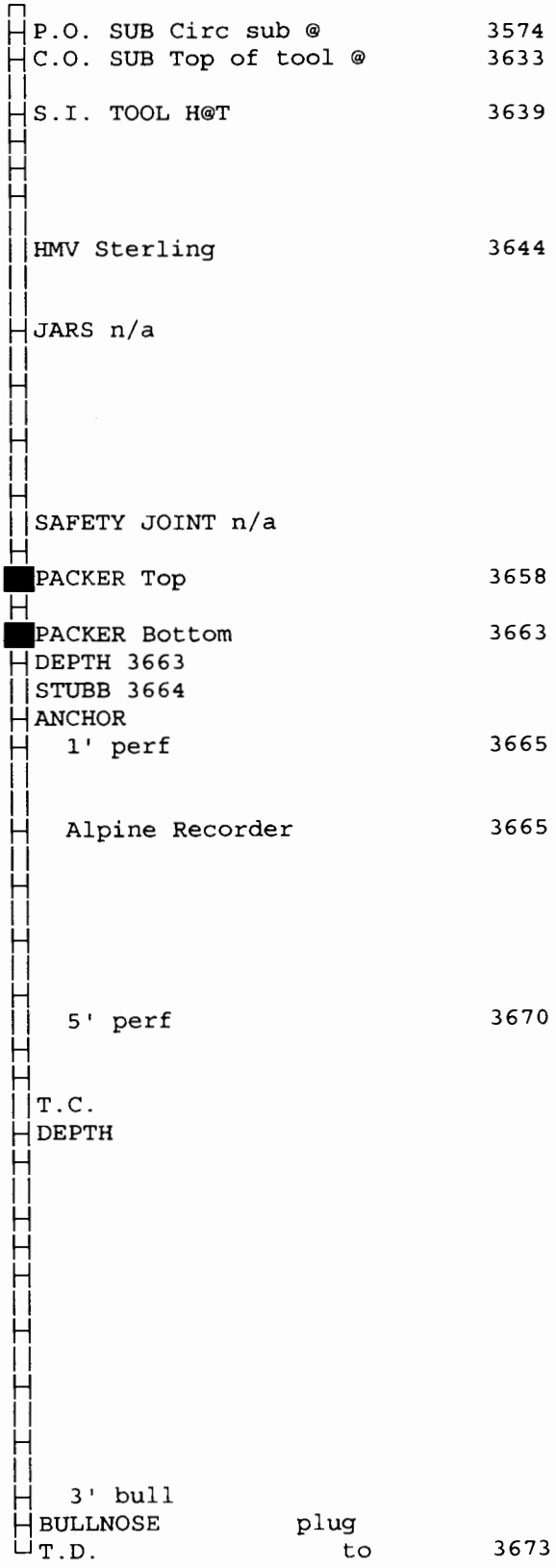
.P. ABOVE TOOLS.Stands59 Single Total 3650

OTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3681

OTAL DEPTH 3673

OTAL DRILL PIPE ABOVE K.B. 8

EMARKS:



ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9671 John O Farmer Solomon #1 DST#2

DATE: 12/16/96 TIME: 13:20:16

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
****** Initial Hydro.	129.00	1825.3	0.0	99.25		
****** Start Flow 1	0.00	23.7	0.0	99.83		
	1.00	30.2	6.5	100.42		
	2.00	34.4	10.7	101.18		
	3.00	39.0	15.4	101.95		
	4.00	44.0	20.3	102.68		
	5.00	48.2	24.5	103.35		
	6.00	52.6	29.0	103.94		
	7.00	56.7	33.1	104.51		
	8.00	61.0	37.3	105.05		
	9.00	65.0	41.3	105.54		
	10.00	69.1	45.4	106.08		
	11.00	73.2	49.5	106.62		
	12.00	77.2	53.5	107.17		
	13.00	81.1	57.4	107.76		
	14.00	85.1	61.4	108.38		
	15.00	88.8	65.1	109.04		
	16.00	92.2	68.6	109.75		
	17.00	96.1	72.4	110.48		
	18.00	99.9	76.3	111.17		
	19.00	103.7	80.1	111.78		
	20.00	107.2	83.5	112.33		
	21.00	110.8	87.1	112.79		
	22.00	112.3	88.6	113.18		
	23.00	115.6	91.9	113.48		
	24.00	118.9	95.3	113.77		
	25.00	122.4	98.8	114.07		
	26.00	125.8	102.1	114.40		
	27.00	129.3	105.7	114.76		
	28.00	132.6	108.9	115.09		
	29.00	136.0	112.3	115.40		
	30.00	139.3	115.7	115.66		
	31.00	142.7	119.0	115.91		
	32.00	145.7	122.0	116.13		
	33.00	148.9	125.2	116.34		
	34.00	152.0	128.3	116.53		
	35.00	155.0	131.3	116.69		
	36.00	157.8	134.1	116.83		
	37.00	161.0	137.3	116.97		
	38.00	164.0	140.3	117.10		
	39.00	167.0	143.3	117.25		
	40.00	170.0	146.4	117.41		
	41.00	172.8	149.1	117.58		
	42.00	175.5	151.8	117.77		
****** End Flow 1	43.00	178.3	154.6	117.94		
****** Start Shutin 1	0.00	178.3	0.0	117.94	0.0000	0.032
	1.00	706.3	528.1	118.10	44.0000	0.499
	2.00	833.4	655.1	118.27	22.5000	0.695
	3.00	869.6	691.3	118.42	15.3333	0.756
	4.00	890.1	711.9	118.55	11.7500	0.792
	5.00	904.6	726.4	118.69	9.6000	0.818

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9671 John O Farmer Solomon #1 DST#2

DATE: 12/16/96 TIME: 13:20:16

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	6.00	915.9	737.6	118.82	8.1667	0.839
	7.00	925.1	746.9	118.92	7.1429	0.856
	8.00	932.9	754.7	119.02	6.3750	0.870
	9.00	939.8	761.6	119.11	5.7778	0.883
	10.00	945.9	767.7	119.18	5.3000	0.895
	11.00	951.3	773.1	119.26	4.9091	0.905
	12.00	956.3	778.1	119.32	4.5833	0.915
	13.00	960.9	782.6	119.39	4.3077	0.923
	14.00	965.0	786.7	119.44	4.0714	0.931
	15.00	968.9	790.7	119.49	3.8667	0.939
	16.00	972.6	794.4	119.55	3.6875	0.946
	17.00	976.0	797.7	119.59	3.5294	0.953
	18.00	979.3	801.0	119.63	3.3889	0.959
	19.00	982.3	804.0	119.67	3.2632	0.965
	20.00	985.1	806.9	119.72	3.1500	0.970
	21.00	987.9	809.7	119.76	3.0476	0.976
	22.00	990.4	812.2	119.79	2.9545	0.981
	23.00	992.9	814.6	119.83	2.8696	0.986
	24.00	995.2	817.0	119.88	2.7917	0.990
	25.00	997.4	819.1	119.90	2.7200	0.995
	26.00	999.6	821.3	119.94	2.6538	0.999
	27.00	1001.6	823.3	119.97	2.5926	1.003
	28.00	1003.6	825.3	119.99	2.5357	1.007
	29.00	1005.4	827.2	120.02	2.4828	1.011
	30.00	1007.3	829.0	120.06	2.4333	1.015
	31.00	1009.1	830.8	120.08	2.3871	1.018
	32.00	1010.7	832.4	120.10	2.3438	1.021
	33.00	1012.2	834.0	120.12	2.3030	1.025
	34.00	1013.8	835.6	120.15	2.2647	1.028
	35.00	1015.4	837.1	120.17	2.2286	1.031
	36.00	1016.9	838.6	120.20	2.1944	1.034
	37.00	1018.1	839.9	120.22	2.1622	1.037
	38.00	1019.5	841.3	120.24	2.1316	1.039
	39.00	1021.0	842.7	120.27	2.1026	1.042
	40.00	1022.1	843.9	120.29	2.0750	1.045
	41.00	1023.5	845.2	120.33	2.0488	1.048
	42.00	1024.7	846.4	120.34	2.0238	1.050
	43.00	1025.8	847.6	120.36	2.0000	1.052
	44.00	1027.0	848.8	120.38	1.9773	1.055
	45.00	1028.2	849.9	120.40	1.9556	1.057
	46.00	1029.2	850.9	120.42	1.9348	1.059
****** End Shut-in 1	47.00	1030.4	852.1	120.44	1.9149	1.062
****** Start Flow 2	0.00	183.9	0.0	120.44		
	1.00	187.7	3.9	120.43		
	2.00	191.5	7.6	120.39		
	3.00	195.2	11.3	120.37		
	4.00	198.6	14.8	120.37		
	5.00	202.0	18.1	120.39		
	6.00	205.3	21.4	120.41		
	7.00	208.5	24.6	120.43		
	8.00	211.7	27.8	120.46		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9671 John O Farmer Solomon #1 DST#2

DATE: 12/16/96 TIME: 13:20:16

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	9.00	214.7	30.8	120.51		
	10.00	217.9	34.0	120.57		
	11.00	221.1	37.2	120.67		
	12.00	224.1	40.2	120.68		
	13.00	226.9	43.1	120.73		
	14.00	229.7	45.8	120.85		
	15.00	232.4	48.5	120.93		
	16.00	235.2	51.3	121.01		
	17.00	237.8	54.0	121.10		
	18.00	240.4	56.6	121.18		
	19.00	243.3	59.4	121.25		
	20.00	246.2	62.4	121.33		
	21.00	249.1	65.2	121.41		
	22.00	252.0	68.1	121.48		
	23.00	254.7	70.8	121.55		
	24.00	257.6	73.8	121.62		
	25.00	260.5	76.6	121.68		
	26.00	263.4	79.6	121.74		
	27.00	266.3	82.4	121.80		
	28.00	268.6	84.7	121.85		
	29.00	270.0	86.1	121.90		
	30.00	271.4	87.5	121.96		
	31.00	272.8	89.0	122.01		
	32.00	274.3	90.4	122.06		
	33.00	275.8	91.9	122.10		
	34.00	277.2	93.3	122.14		
	35.00	278.5	94.7	122.19		
	36.00	280.0	96.1	122.23		
	37.00	281.5	97.6	122.27		
	38.00	283.1	99.2	122.31		
	39.00	284.4	100.5	122.35		
	40.00	285.8	102.0	122.39		
	41.00	287.2	103.3	122.43		
	42.00	288.5	104.7	122.46		
	43.00	289.8	105.9	122.50		
****** End Flow 2	44.00	291.2	107.3	122.53		
****** Start Shutin 2	0.00	291.2	0.0	122.53	0.0000	0.085
	1.00	700.4	409.1	122.57	88.0000	0.491
	2.00	832.5	541.3	122.61	44.5000	0.693
	3.00	865.8	574.6	122.67	30.0000	0.750
	4.00	884.3	593.0	122.72	22.7500	0.782
	5.00	897.0	605.8	122.77	18.4000	0.805
	6.00	906.9	615.7	122.80	15.5000	0.822
	7.00	915.1	623.8	122.84	13.4286	0.837
	8.00	922.0	630.8	122.88	11.8750	0.850
	9.00	928.1	636.8	122.91	10.6667	0.861
	10.00	933.4	642.2	122.94	9.7000	0.871
	11.00	938.2	647.0	122.96	8.9091	0.880
	12.00	942.8	651.5	122.98	8.2500	0.889
	13.00	946.9	655.6	123.00	7.6923	0.897
	14.00	950.6	659.4	123.02	7.2143	0.904

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

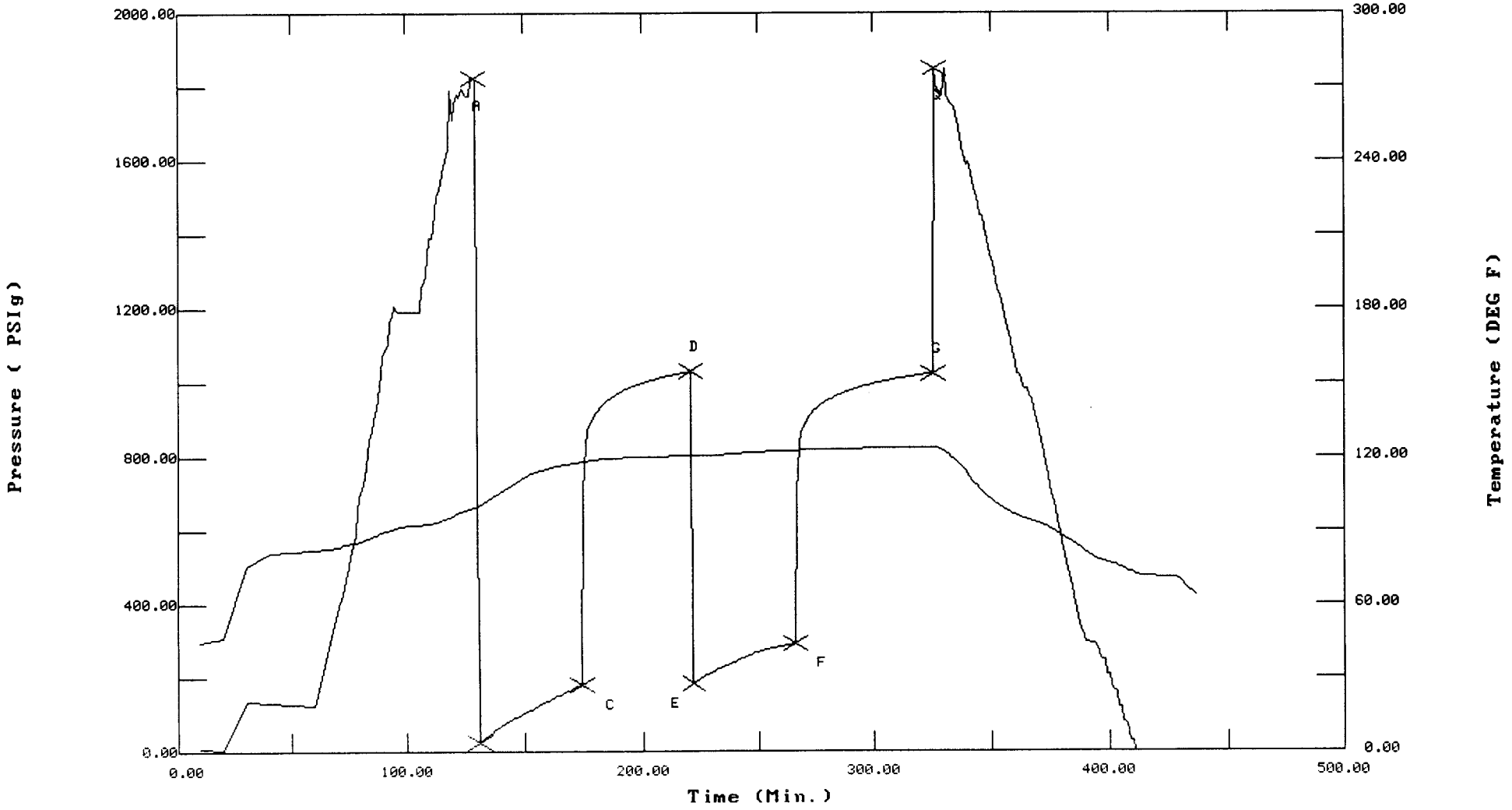
TEST: 9671 John O Farmer Solomon #1 DST#2

DATE: 12/16/96 TIME: 13:20:16

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	15.00	954.2	662.9	123.03	6.8000	0.910
	16.00	957.5	666.3	123.05	6.4375	0.917
	17.00	960.6	669.4	123.07	6.1176	0.923
	18.00	963.6	672.3	123.08	5.8333	0.928
	19.00	966.3	675.1	123.09	5.5789	0.934
	20.00	968.9	677.7	123.10	5.3500	0.939
	21.00	971.5	680.3	123.12	5.1429	0.944
	22.00	974.0	682.8	123.13	4.9545	0.949
	23.00	976.2	685.0	123.14	4.7826	0.953
	24.00	978.4	687.2	123.15	4.6250	0.957
	25.00	980.5	689.3	123.17	4.4800	0.961
	26.00	982.5	691.3	123.18	4.3462	0.965
	27.00	984.5	693.3	123.19	4.2222	0.969
	28.00	986.3	695.1	123.20	4.1071	0.973
	29.00	988.2	697.0	123.21	4.0000	0.977
	30.00	990.0	698.8	123.23	3.9000	0.980
	31.00	991.8	700.5	123.24	3.8065	0.984
	32.00	993.3	702.1	123.25	3.7188	0.987
	33.00	995.0	703.7	123.26	3.6364	0.990
	34.00	996.6	705.3	123.27	3.5588	0.993
	35.00	998.1	706.8	123.28	3.4857	0.996
	36.00	999.5	708.3	123.29	3.4167	0.999
	37.00	1000.8	709.6	123.30	3.3514	1.002
	38.00	1002.3	711.0	123.31	3.2895	1.005
	39.00	1003.6	712.4	123.32	3.2308	1.007
	40.00	1004.9	713.6	123.33	3.1750	1.010
	41.00	1006.2	715.0	123.33	3.1220	1.012
	42.00	1007.5	716.2	123.35	3.0714	1.015
	43.00	1008.6	717.4	123.35	3.0233	1.017
	44.00	1009.8	718.6	123.37	2.9773	1.020
	45.00	1010.9	719.7	123.37	2.9333	1.022
	46.00	1012.1	720.9	123.38	2.8913	1.024
	47.00	1013.2	721.9	123.40	2.8511	1.027
	48.00	1014.2	723.0	123.40	2.8125	1.029
	49.00	1015.2	724.0	123.41	2.7755	1.031
	50.00	1016.3	725.1	123.43	2.7400	1.033
	51.00	1017.2	726.0	123.32	2.7059	1.035
	52.00	1018.2	727.0	123.43	2.6731	1.037
	53.00	1019.2	728.0	123.44	2.6415	1.039
	54.00	1020.1	728.9	123.45	2.6111	1.041
	55.00	1021.1	729.8	123.46	2.5818	1.043
	56.00	1022.0	730.8	123.46	2.5536	1.044
	57.00	1022.8	731.6	123.47	2.5263	1.046
	58.00	1023.7	732.4	123.48	2.5000	1.048
****** End Shut-in 2	59.00	1024.6	733.4	123.47	2.4746	1.050
****** Final Hydro.	326.00	1848.1	0.0	123.48		

TEST HISTORY

9671 John O Farmer Solomon #1 DST#2

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	1825.25
B:	0.00	23.66
C:	43.00	178.25
D:	47.00	1030.37
E:	0.00	183.88
F:	44.00	291.22
G:	59.00	1024.58
Q:	0.00	1848.08