

Computer Inventoried

15-187-20885

KCC

NOV 17

CONFIDENTIAL

WELL NAME:

COMPANY:

LOCATION:

DATE:

Schroeder # 16-1

Berexco

16-29S-41W

Stanton County Kansas

10/01/97

ORIGINAL

CONFIDENTIAL

RELEASED

JAN 29 1999

FROM CONFIDENTIAL

TRILOBITE TESTING L.L.C.

OPERATOR : Berexco

DATE 9-28-97

WELL NAME: Schroeder #16-1

KB 3413.00 ft

TICKET NO: 9897

DST #1

LOCATION : 16-29S-41W

GR 3403.00 ft

FORMATION: Morrow-Keys

INTERVAL : 5350.00 To 5458.00 ft

TD 5458.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 15	Rec.	1055	1055	3024			PF Fr. 1050 to 1105 hr
SI 30	Range(Psi)	4050.0	4050.0	4995.0	0.0	0.0	IS Fr. 1105 to 1135 hr
SF 60	Clock(hrs)	12 hr	12 hr	Elec			SF Fr. 1135 to 1235 hr
FS 120	Depth(ft)	5458.0	5458.0	5353.0	0.0	0.0	FS Fr. 1235 to 1435 hr

	Field	1	2	3	4	
A. Init Hydro	2574.0	2704.0	2507.0	0.0	0.0	T STARTED 0800 hr
B. First Flow	108.0	96.0	49.0	0.0	0.0	T ON BOTM 1045 hr
B1. Final Flow	118.0	108.0	78.0	0.0	0.0	T OPEN 1050 hr
C. In Shut-in	150.0	151.0	114.0	0.0	0.0	T PULLED 1435 hr
D. Init Flow	108.0	102.0	45.0	0.0	0.0	T OUT 1745 hr
E. Final Flow	171.0	156.0	91.0	0.0	0.0	
F. Fl Shut-in	203.0	193.0	134.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2543.0	2531.0	2442.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 190000.00 lbs
						Initial Str Wt 95000.00 lbs
						Unseated Str Wt 97000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.68 in
						D.C. Length 715.00 ft
						D.P. Length 4672.00 ft

RECOVERY

Tot Fluid 20.00 ft of 20.00 ft in DC and 0.00 ft in DP
 20.00 ft of Drilling 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

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

BLOW DESCRIPTION

Initial Flow:

Weak surface blow, died in 8 mins

Initial Shut In:

Final Flow:

blow and died

Final Shut In:

SAMPLES: NONE

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	8.80 lb/c
Vis.	44.00 cP
W.L.	8.00 in
F.C.	12.00 in
Mud Drop Y	180.0 ft

Amt. of fill	0.00 ft
Btm. H. Temp.	0.00
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	Darold Hibler
Co. Rep.	Tim Hedrick
Contr.	Beredco
Rig #	2
Unit #	
Pump T.	

Test Successful: Y

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No. 9897

Well Name & No. Schroeder #16-1 Test No. 1 Date 9-28-97
 Company Berco Zone Tested Morrow "Kys"
 Address 100 N. Broadway, Suite 970 Wichita KS 67202 Elevation 3413 KB 3403 GL
 Co. Rep / Geo. Tim Hedrick Cont. Berco Est. Ft. of Pay 20 Por. %
 Location: Sec. 14 Twp. 29s Rge. 41w Co. Stanton State KS
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 5350' - 5458' Initial Str Wt./Lbs. 95,000 Unseated Str Wt./Lbs. 97,000
 Anchor Length 108' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 190,000
 Top Packer Depth 5345' Tool Weight 1,800
 Bottom Packer Depth 5350' Hole Size — 7 7/8" X Rubber Size — 6 3/4" X
 Total Depth 5458' Wt. Pipe Run Drill Collar Run 715'
 Mud Wt. 8.8 LCM 12H Vis. 44 WL 8.0 Drill Pipe Size 4 1/2" - hole Ft. Run 4637
 Blow Description FF - Work Surface blow. Died in 8 min.

ISF -
SE - 10 blow. Flushed tool, used to surface blow and died.
IST -

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>20'</u> Feet Of <u>100% Dry mud</u>	%gas	%oil	%water 100% mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud

BHT 118 °F Gravity *API D@ °F Corrected Gravity

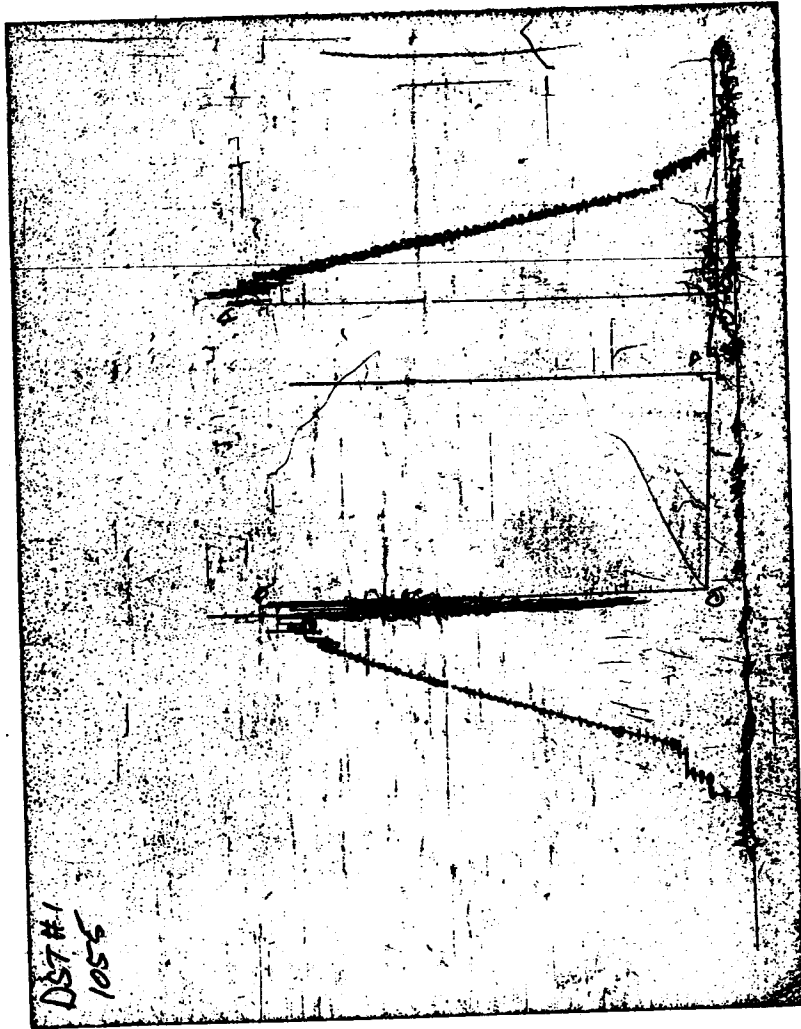
RW @ °F Chlorides ppm Recovery Chlorides 100 ppm System

(A) Initial Hydrostatic Mud 2506 2574 PSI Recorder No. 3024 T-Started 8 AM
 (B) First Initial Flow Pressure 49 108 PSI (depth) 5253' T-Open 10:50 AM
 (C) First Final Flow Pressure 78 118 PSI Recorder No. 1055 T-Pulled 2:35 PM
 (D) Initial Shut-in Pressure 114 150 PSI (depth) 5358' T-Out 5:45 PM
 (E) Second Initial Flow Pressure 45 108 PSI Recorder No.
 (F) Second Final Flow Pressure 112 171 PSI (depth)
 (G) Final Shut-in Pressure 134 203 PSI Initial Opening 15 min Test Conventional
 (H) Final Hydrostatic Mud 2441 2543 PSI Initial Shut-in 30 min Jars ✓
Alpine AK-1 Final Flow 100 min Safety Joint ✓
 Final Shut-in 120 min. Straddle
 Circ. Sub ✓ W/C
 Sampler
 Extra Packer
 Elect. Rec. ✓
 Other
 TOTAL PRICE \$ Est. \$1200

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By [Signature]
 Our Representative [Signature]

CHART PAGE



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

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9897 Schroeder#16-1DST#1 Berexco

DATE: 09/28/97

TIME: 08:45:06

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	123.75	2507.0	0.0	116.10		
***** Start Flow 1	0.00	49.4	0.0	116.23		
	0.25	53.7	4.3	116.25		
	0.50	66.9	17.5	116.28		
	0.75	77.2	27.8	116.29		
	1.00	85.2	35.9	116.31		
	1.25	92.3	43.0	116.31		
	1.50	98.7	49.3	116.31		
	1.75	34.9	-14.5	116.31		
	2.00	40.0	-9.4	116.31		
	2.25	43.7	-5.6	116.31		
	2.50	46.9	-2.4	116.30		
	2.75	49.9	0.5	116.30		
	3.00	52.6	3.2	116.29		
	3.25	37.7	-11.7	116.28		
	3.50	34.6	-14.8	116.29		
	3.75	36.7	-12.7	116.28		
	4.00	38.5	-10.9	116.27		
	4.25	40.3	-9.1	116.27		
	4.50	41.9	-7.4	116.26		
	4.75	43.3	-6.1	116.25		
	5.00	44.7	-4.7	116.24		
	5.25	46.0	-3.3	116.25		
	5.50	47.3	-2.1	116.24		
	5.75	48.5	-0.8	116.22		
	6.00	49.7	0.3	116.23		
	6.25	50.8	1.4	116.22		
	6.50	51.9	2.5	116.22		
	6.75	52.9	3.5	116.22		
	7.00	53.9	4.5	116.22		
	7.25	54.9	5.5	116.23		
	7.50	55.8	6.5	116.22		
	7.75	56.7	7.4	116.22		
	8.00	57.7	8.3	116.21		
	8.25	58.5	9.2	116.22		
	8.50	59.4	10.0	116.21		
	8.75	60.2	10.9	116.22		
	9.00	61.0	11.7	116.21		
	9.25	61.8	12.5	116.22		
	9.50	62.6	13.3	116.22		
	9.75	63.4	14.0	116.22		
	10.00	64.1	14.8	116.22		
	10.25	64.8	15.5	116.22		
	10.50	65.6	16.2	116.23		
	10.75	66.3	16.9	116.23		
	11.00	67.0	17.6	116.23		
	11.25	67.7	18.3	116.23		
	11.50	68.3	19.0	116.23		
	11.75	69.0	19.6	116.24		
	12.00	69.6	20.2	116.24		
	12.25	70.2	20.8	116.26		

*** TOOL DIAGRAM *** CONV

WELL NAME: Schroeder #16-1

LOCATION : 16-29S-41W

TICKET No. 9897 D.S.T. No. 1 DATE 9-28-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 46

TOTAL TOOL 74

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single 2 Total 62

TOTAL ASSEMBLY 136

D.C. ABOVE TOOLS.Stands8 Single Total 715

D.P. ABOVE TOOLS.Stands46 Single 2 Total 4637

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5488

TOTAL DEPTH 5458

TOTAL DRILL PIPE ABOVE K.B. 30

REMARKS:

No Sampler Run

P.O. SUB Top of tool		5322
C.O. SUB D.P.	1FT	5323
S.I. TOOL Sterling	5FT	5328
HMV Sterling	5FT	5333
JARS Sterling	5FT	5338
SAFETY JOINT Bowen	3FT	5341
PACKER Sterling	5FT	5345
PACKER Sterling	5FT	5350
DEPTH 5350		
STUBB Perf	1FT	5351
ANCHOR Perf	1FT	5352
Alpine Rec. @ 5353		
P.U.S.	5FT	5357
Perf	32FT	5389
T.C. DEPTH		
C.O.	1FT	5390
Drill pipe	62FT	5452
C.O.	1FT	5453
AK-1 Rec. @ 5453		
BULLNOSE		
T.D. B.P.	5FT	5458

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9897 Schroeder#16-1DST#1 Berexco

DATE: 09/28/97

TIME: 08:45:06

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
12.50	70.8	21.5	116.24		
12.75	71.4	22.0	116.25		
13.00	72.0	22.6	116.26		
13.25	72.6	23.2	116.25		
13.50	73.1	23.8	116.27		
13.75	73.7	24.4	116.27		
14.00	74.2	24.9	116.27		
14.25	74.8	25.4	116.28		
14.50	75.3	26.0	116.28		
14.75	75.9	26.6	116.29		
15.00	76.4	27.1	116.29		
15.25	76.9	27.6	116.30		
15.50	77.4	28.0	116.30		
15.75	77.9	28.6	116.31		
16.00	78.5	29.1	116.31		

*** End Flow 1

***** Start Shutin 1

0.00	78.5	0.0	116.31	0.0000	0.006
0.25	77.3	-1.1	116.31	65.0000	0.006
0.50	77.5	-0.9	116.31	33.0000	0.006
0.75	78.2	-0.3	116.32	22.3333	0.006
1.00	78.8	0.4	116.32	17.0000	0.006
1.25	79.3	0.8	116.33	13.8000	0.006
1.50	79.8	1.3	116.33	11.6667	0.006
1.75	80.3	1.8	116.34	10.1429	0.006
2.00	80.8	2.3	116.35	9.0000	0.007
2.25	81.2	2.8	116.35	8.1111	0.007
2.50	81.7	3.3	116.35	7.4000	0.007
2.75	82.2	3.7	116.36	6.8182	0.007
3.00	82.6	4.2	116.36	6.3333	0.007
3.25	83.1	4.6	116.37	5.9231	0.007
3.50	83.5	5.1	116.38	5.5714	0.007
3.75	84.0	5.5	116.38	5.2667	0.007
4.00	84.4	5.9	116.39	5.0000	0.007
4.25	84.8	6.3	116.40	4.7647	0.007
4.50	85.2	6.7	116.40	4.5556	0.007
4.75	85.6	7.1	116.40	4.3684	0.007
5.00	86.0	7.5	116.42	4.2000	0.007
5.25	86.4	7.9	116.42	4.0476	0.007
5.50	86.8	8.3	116.43	3.9091	0.008
5.75	87.1	8.7	116.43	3.7826	0.008
6.00	87.5	9.1	116.43	3.6667	0.008
6.25	87.9	9.4	116.44	3.5600	0.008
6.50	88.3	9.8	116.44	3.4615	0.008
6.75	88.6	10.2	116.46	3.3704	0.008
7.00	89.0	10.6	116.45	3.2857	0.008
7.25	89.4	10.9	116.45	3.2069	0.008
7.50	89.7	11.3	116.46	3.1333	0.008
7.75	90.1	11.6	116.48	3.0645	0.008
8.00	90.4	12.0	116.47	3.0000	0.008
8.25	90.8	12.4	116.47	2.9394	0.008
8.50	91.1	12.7	116.49	2.8824	0.008
8.75	91.5	13.0	116.49	2.8286	0.008

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9897 Schroeder#16-1DST#1 Berexco

DATE: 09/28/97

TIME: 08:45:06

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
9.00	91.8	13.4	116.49	2.7778	0.008
9.25	92.2	13.7	116.50	2.7297	0.008
9.50	92.5	14.1	116.51	2.6842	0.009
9.75	92.9	14.4	116.51	2.6410	0.009
10.00	93.2	14.7	116.51	2.6000	0.009
10.25	93.5	15.1	116.53	2.5610	0.009
10.50	93.9	15.4	116.53	2.5238	0.009
10.75	94.2	15.7	116.54	2.4884	0.009
11.00	94.5	16.0	116.53	2.4545	0.009
11.25	94.8	16.4	116.54	2.4222	0.009
11.50	95.1	16.7	116.56	2.3913	0.009
11.75	95.5	17.0	116.56	2.3617	0.009
12.00	95.8	17.3	116.56	2.3333	0.009
12.25	96.1	17.7	116.57	2.3061	0.009
12.50	96.4	18.0	116.57	2.2800	0.009
12.75	96.8	18.3	116.58	2.2549	0.009
13.00	97.1	18.6	116.57	2.2308	0.009
13.25	97.4	18.9	116.60	2.2075	0.009
13.50	97.7	19.2	116.59	2.1852	0.01
13.75	97.9	19.5	116.61	2.1636	0.01
14.00	98.2	19.8	116.61	2.1429	0.01
14.25	98.5	20.0	116.61	2.1228	0.01
14.50	98.8	20.3	116.62	2.1034	0.01
14.75	99.1	20.6	116.62	2.0847	0.01
15.00	99.4	20.9	116.63	2.0667	0.01
15.25	99.7	21.2	116.63	2.0492	0.01
15.50	100	21.5	116.64	2.0323	0.01
15.75	100.3	21.8	116.64	2.0159	0.010
16.00	100.6	22.1	116.65	2.0000	0.010
16.25	100.8	22.4	116.66	1.9846	0.010
16.50	101.1	22.7	116.66	1.9697	0.010
16.75	101.4	23.0	116.67	1.9552	0.010
17.00	101.7	23.2	116.67	1.9412	0.010
17.25	101.9	23.5	116.68	1.9275	0.010
17.50	102.2	23.8	116.68	1.9143	0.010
17.75	102.5	24.1	116.69	1.9014	0.011
18.00	102.8	24.3	116.69	1.8889	0.011
18.25	103.0	24.6	116.70	1.8767	0.011
18.50	103.3	24.9	116.71	1.8649	0.011
18.75	103.6	25.1	116.70	1.8533	0.011
19.00	103.8	25.4	116.71	1.8421	0.011
19.25	104.1	25.7	116.73	1.8312	0.011
19.50	104.4	25.9	116.73	1.8205	0.011
19.75	104.6	26.2	116.73	1.8101	0.011
20.00	104.9	26.4	116.75	1.8000	0.011
20.25	105.1	26.7	116.75	1.7901	0.011
20.50	105.4	27.0	116.75	1.7805	0.011
20.75	105.7	27.2	116.75	1.7711	0.011
21.00	105.9	27.5	116.76	1.7619	0.011
21.25	106.2	27.7	116.77	1.7529	0.011
21.50	106.4	28.0	116.77	1.7442	0.011

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

EST: 9897 Schroeder#16-1DST#1 Berexco

DATE: 09/28/97

TIME: 08:45:06

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
21.75	106.7	28.2	116.77	1.7356	0.011
22.00	106.9	28.5	116.79	1.7273	0.011
22.25	107.1	28.7	116.79	1.7191	0.011
22.50	107.4	28.9	116.79	1.7111	0.012
22.75	107.7	29.2	116.80	1.7033	0.012
23.00	107.9	29.4	116.81	1.6957	0.012
23.25	108.2	29.7	116.81	1.6882	0.012
23.50	108.4	29.9	116.83	1.6809	0.012
23.75	108.6	30.2	116.82	1.6737	0.012
24.00	108.9	30.4	116.82	1.6667	0.012
24.25	109.1	30.7	116.83	1.6598	0.012
24.50	109.4	30.9	116.84	1.6531	0.012
24.75	109.6	31.2	116.85	1.6465	0.012
25.00	109.9	31.4	116.85	1.6400	0.012
25.25	110.1	31.7	116.85	1.6337	0.012
25.50	110.4	31.9	116.85	1.6275	0.012
25.75	110.6	32.1	116.87	1.6214	0.012
26.00	110.8	32.4	116.87	1.6154	0.012
26.25	111.1	32.6	116.88	1.6095	0.012
26.50	111.3	32.8	116.88	1.6038	0.012
26.75	111.5	33.1	116.89	1.5981	0.012
27.00	111.7	33.3	116.90	1.5926	0.012
27.25	112.0	33.5	116.89	1.5872	0.013
27.50	112.2	33.7	116.91	1.5818	0.013
27.75	112.4	33.9	116.91	1.5766	0.013
28.00	112.6	34.2	116.91	1.5714	0.013
28.25	112.9	34.4	116.92	1.5664	0.013
28.50	113.1	34.7	116.93	1.5614	0.013
28.75	113.3	34.9	116.94	1.5565	0.013
29.00	113.6	35.1	116.94	1.5517	0.013
29.25	113.8	35.4	116.95	1.5470	0.013
29.50	114.1	35.7	116.96	1.5424	0.013
29.75	114.3	35.9	116.96	1.5378	0.013
30.00	114.6	36.1	116.97	1.5333	0.013
30.25	114.8	36.3	116.97	1.5289	0.013
30.50	114.9	36.5	116.98	1.5246	0.013
30.75	114.0	35.6	116.98	1.5203	0.013

***** End Shut-in 1

***** Start Flow 2

0.00	45.5	0.0	116.98
0.25	47.0	1.5	116.99
0.50	47.9	2.4	116.99
0.75	48.6	3.1	116.98
1.00	49.2	3.7	116.96
1.25	49.7	4.2	116.97
1.50	50.1	4.6	116.95
1.75	50.4	4.9	116.94
2.00	50.8	5.3	116.94
2.25	42.6	-2.9	116.93
2.50	43.1	-2.4	116.92
2.75	43.5	-2.0	116.91
3.00	43.8	-1.7	116.90
3.25	44.1	-1.4	116.89

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9897 Schroeder#16-1DST#1 Berexco

DATE: 09/28/97

TIME: 08:45:06

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
3.50	44.4	-1.1	116.88		
3.75	44.7	-0.8	116.87		
4.00	45.0	-0.5	116.86		
4.25	45.3	-0.2	116.87		
4.50	45.5	0.0	116.86		
4.75	45.7	0.2	116.87		
5.00	46.0	0.5	116.86		
5.25	46.2	0.7	116.85		
5.50	46.4	0.9	116.85		
5.75	46.6	1.1	116.87		
6.00	46.8	1.3	116.87		
6.25	47.0	1.5	116.86		
6.50	47.2	1.7	116.87		
6.75	47.4	1.9	116.85		
7.00	47.6	2.1	116.87		
7.25	47.8	2.3	116.86		
7.50	48.0	2.5	116.87		
7.75	48.2	2.7	116.88		
8.00	48.4	2.9	116.89		
8.25	48.6	3.0	116.89		
8.50	48.7	3.2	116.90		
8.75	48.9	3.4	116.90		
9.00	49.1	3.5	116.91		
9.25	49.2	3.7	116.91		
9.50	49.4	3.9	116.92		
9.75	49.5	4.0	116.93		
10.00	49.7	4.2	116.93		
10.25	49.8	4.3	116.94		
10.50	50.0	4.5	116.94		
10.75	50.1	4.6	116.96		
11.00	50.3	4.8	116.96		
11.25	50.4	4.9	116.96		
11.50	50.6	5.1	116.97		
11.75	50.7	5.2	116.98		
12.00	50.9	5.4	116.99		
12.25	51.0	5.5	117.00		
12.50	51.2	5.6	117.00		
12.75	51.3	5.8	117.01		
13.00	2172.7	2127.2	117.82		
13.25	2358.3	2312.7	117.05		
13.50	2370.2	2324.7	117.08		
13.75	2373.4	2327.9	117.12		
14.00	179.8	134.3	117.11		
14.25	202.8	157.3	117.33		
14.50	129.1	83.6	117.40		
14.75	135.0	89.5	117.47		
15.00	138.7	93.2	117.54		
15.25	101.7	56.2	117.58		
15.50	105.8	60.3	117.62		
15.75	108.2	62.7	117.66		
16.00	110.1	64.5	117.68		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9897 Schroeder#16-1DST#1 Berexco

DATE: 09/28/97

TIME: 08:45:06

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
16.25	111.6	66.1	117.71		
16.50	113.0	67.5	117.72		
16.75	114.2	68.7	117.73		
17.00	115.2	69.7	117.75		
17.25	116.2	70.7	117.74		
17.50	117.1	71.6	117.76		
17.75	117.9	72.4	117.75		
18.00	118.6	73.1	117.76		
18.25	119.3	73.8	117.76		
18.50	55.7	10.2	117.77		
18.75	57.4	11.9	117.76		
19.00	58.5	13.0	117.75		
19.25	59.5	14.0	117.75		
19.50	60.3	14.8	117.75		
19.75	61.0	15.5	117.74		
20.00	61.6	16.1	117.74		
20.25	62.2	16.7	117.74		
20.50	62.8	17.3	117.73		
20.75	63.3	17.8	117.73		
21.00	63.8	18.3	117.71		
21.25	64.3	18.8	117.71		
21.50	64.7	19.2	117.71		
21.75	65.1	19.6	117.71		
22.00	65.5	20.0	117.70		
22.25	65.9	20.4	117.70		
22.50	66.3	20.8	117.69		
22.75	66.6	21.1	117.69		
23.00	67.0	21.5	117.69		
23.25	67.3	21.8	117.69		
23.50	67.6	22.1	117.69		
23.75	68.0	22.5	117.68		
24.00	68.3	22.8	117.69		
24.25	68.6	23.1	117.68		
24.50	68.8	23.3	117.68		
24.75	69.1	23.6	117.69		
25.00	69.4	23.9	117.69		
25.25	69.7	24.2	117.69		
25.50	69.9	24.4	117.70		
25.75	70.2	24.7	117.69		
26.00	70.5	25.0	117.70		
26.25	70.7	25.2	117.70		
26.50	71.0	25.5	117.70		
26.75	72.1	26.6	117.69		
27.00	73.9	28.4	117.70		
27.25	75.2	29.7	117.71		
27.50	75.3	29.8	117.70		
27.75	75.5	30.0	117.70		
28.00	75.6	30.1	117.71		
28.25	75.8	30.3	117.71		
28.50	76.0	30.5	117.73		
28.75	76.2	30.7	117.73		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9897 Schroeder#16-1DST#1 Berexco

DATE: 09/28/97

TIME: 08:45:06

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
29.00	76.4	30.9	117.73		
29.25	76.5	31.0	117.73		
29.50	76.7	31.2	117.73		
29.75	76.9	31.4	117.74		
30.00	77.1	31.6	117.74		
30.25	77.3	31.8	117.75		
30.50	77.5	32.0	117.75		
30.75	77.6	32.1	117.77		
31.00	77.8	32.3	117.76		
31.25	78.0	32.5	117.77		
31.50	78.2	32.7	117.78		
31.75	78.3	32.8	117.77		
32.00	78.5	33.0	117.78		
32.25	78.7	33.1	117.80		
32.50	78.8	33.3	117.79		
32.75	79.0	33.5	117.80		
33.00	79.2	33.6	117.80		
33.25	79.3	33.8	117.81		
33.50	79.5	34.0	117.82		
33.75	79.6	34.1	117.82		
34.00	79.8	34.3	117.83		
34.25	80.0	34.5	117.84		
34.50	80.1	34.6	117.84		
34.75	80.3	34.8	117.85		
35.00	80.4	34.9	117.85		
35.25	80.6	35.1	117.86		
35.50	80.7	35.2	117.87		
35.75	80.9	35.4	117.87		
36.00	81.0	35.5	117.88		
36.25	81.2	35.7	117.88		
36.50	81.3	35.8	117.89		
36.75	81.5	36.0	117.90		
37.00	81.6	36.1	117.90		
37.25	81.8	36.2	117.90		
37.50	81.9	36.4	117.91		
37.75	82.1	36.5	117.91		
38.00	82.2	36.7	117.93		
38.25	82.3	36.8	117.92		
38.50	82.5	37.0	117.93		
38.75	82.6	37.1	117.94		
39.00	82.8	37.3	117.95		
39.25	82.9	37.4	117.95		
39.50	83.0	37.5	117.97		
39.75	83.2	37.7	117.97		
40.00	83.3	37.8	117.98		
40.25	83.4	37.9	117.98		
40.50	83.6	38.1	117.98		
40.75	83.7	38.2	117.99		
41.00	83.8	38.3	117.99		
41.25	84.0	38.5	118.00		
41.50	84.1	38.6	118.01		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9897 Schroeder#16-1DST#1 Berexco

DATE: 09/28/97

TIME: 08:45:06

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dt)/dt	P^2/10^6
41.75	84.2	38.7	118.01		
42.00	84.4	38.9	118.02		
42.25	84.5	39.0	118.02		
42.50	84.6	39.1	118.03		
42.75	84.8	39.3	118.04		
43.00	84.9	39.4	118.04		
43.25	85.0	39.5	118.05		
43.50	85.1	39.6	118.05		
43.75	85.3	39.8	118.07		
44.00	85.4	39.9	118.06		
44.25	85.5	40.0	118.07		
44.50	85.6	40.1	118.09		
44.75	85.8	40.3	118.09		
45.00	85.9	40.4	118.10		
45.25	86.0	40.5	118.10		
45.50	86.1	40.6	118.10		
45.75	86.3	40.8	118.12		
46.00	86.4	40.9	118.12		
46.25	86.5	41.0	118.13		
46.50	86.6	41.1	118.12		
46.75	86.7	41.2	118.13		
47.00	86.8	41.3	118.14		
47.25	87.0	41.5	118.14		
47.50	87.1	41.6	118.15		
47.75	87.2	41.7	118.15		
48.00	87.3	41.8	118.16		
48.25	87.4	41.9	118.16		
48.50	87.5	42.0	118.17		
48.75	87.7	42.2	118.17		
49.00	87.8	42.3	118.18		
49.25	87.9	42.4	118.18		
49.50	88.0	42.5	118.20		
49.75	88.1	42.6	118.20		
50.00	88.2	42.7	118.20		
50.25	88.4	42.9	118.21		
50.50	88.5	43.0	118.21		
50.75	88.6	43.1	118.21		
51.00	88.7	43.2	118.23		
51.25	88.8	43.3	118.24		
51.50	88.9	43.4	118.24		
51.75	89.0	43.5	118.25		
52.00	89.1	43.6	118.26		
52.25	89.2	43.7	118.26		
52.50	89.4	43.9	118.26		
52.75	89.5	44.0	118.27		
53.00	89.6	44.1	118.28		
53.25	89.7	44.2	118.28		
53.50	89.8	44.3	118.30		
53.75	89.9	44.4	118.29		
54.00	90.0	44.5	118.30		
54.25	90.1	44.6	118.31		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9897 Schroeder#16-1DST#1 Berexco

DATE: 09/28/97

TIME: 08:45:06

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
54.50	90.2	44.7	118.32		
54.75	90.4	44.9	118.31		
55.00	90.5	45.0	118.33		
55.25	90.6	45.1	118.33		
55.50	90.7	45.2	118.34		
55.75	90.8	45.3	118.34		
56.00	90.9	45.4	118.35		
56.25	91.0	45.5	118.35		
56.50	91.1	45.6	118.36		
56.75	91.2	45.7	118.37		
57.00	91.3	45.8	118.37		
57.25	91.4	45.9	118.37		
57.50	91.5	46.0	118.37		
57.75	91.6	46.1	118.39		
58.00	91.7	46.2	118.39		
58.25	91.8	46.3	118.39		
58.50	91.9	46.4	118.40		
58.75	92.0	46.5	118.41		
59.00	92.1	46.6	118.41		
59.25	92.2	46.7	118.42		
59.50	92.3	46.8	118.42		
59.75	91.6	46.1	118.43		
***** End Flow 2	60.00	90.7	45.2	118.44	

***** Start Shutin 2	0.00	90.7	0.0	118.44	0.0000	0.008
	0.25	91.2	0.5	118.44	305.0000	0.008
	0.50	91.4	0.7	118.44	153.0000	0.008
	0.75	91.6	0.8	118.45	102.3333	0.008
	1.00	91.7	0.9	118.46	77.0000	0.008
	1.25	91.8	1.0	118.47	61.8000	0.008
	1.50	91.9	1.1	118.47	51.6667	0.008
	1.75	92.0	1.2	118.47	44.4286	0.008
	2.00	92.1	1.3	118.48	39.0000	0.008
	2.25	92.2	1.4	118.48	34.7778	0.008
	2.50	92.3	1.5	118.50	31.4000	0.009
	2.75	92.4	1.6	118.50	28.6364	0.009
	3.00	92.5	1.7	118.50	26.3333	0.009
	3.25	92.6	1.8	118.51	24.3846	0.009
	3.50	92.7	1.9	118.52	22.7143	0.009
	3.75	92.8	2.0	118.51	21.2667	0.009
	4.00	92.9	2.1	118.52	20.0000	0.009
	4.25	93.0	2.3	118.54	18.8824	0.009
	4.50	93.1	2.4	118.53	17.8889	0.009
	4.75	93.2	2.5	118.54	17.0000	0.009
	5.00	93.3	2.6	118.55	16.2000	0.009
	5.25	93.4	2.7	118.55	15.4762	0.009
	5.50	93.5	2.8	118.56	14.8182	0.009
	5.75	93.6	2.9	118.56	14.2174	0.009
	6.00	93.7	3.0	118.57	13.6667	0.009
	6.25	93.8	3.1	118.57	13.1600	0.009
	6.50	93.9	3.2	118.58	12.6923	0.009
	6.75	94.0	3.3	118.58	12.2593	0.009

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9897 Schroeder#16-1DST#1 Berexco

DATE: 09/28/97

TIME: 08:45:06

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dt)/dt	P^2/10^6
7.00	94.1	3.4	118.59	11.8571	0.009
7.25	94.2	3.5	118.60	11.4828	0.009
7.50	94.3	3.6	118.60	11.1333	0.009
7.75	94.4	3.7	118.60	10.8065	0.009
8.00	94.5	3.7	118.61	10.5000	0.009
8.25	94.6	3.9	118.60	10.2121	0.009
8.50	94.7	3.9	118.62	9.9412	0.009
8.75	94.8	4.0	118.63	9.6857	0.009
9.00	94.9	4.1	118.63	9.4444	0.009
9.25	95.0	4.2	118.64	9.2162	0.009
9.50	95.1	4.3	118.63	9.0000	0.009
9.75	95.2	4.4	118.65	8.7949	0.009
10.00	95.3	4.5	118.65	8.6000	0.009
10.25	95.4	4.6	118.65	8.4146	0.009
10.50	95.5	4.7	118.66	8.2381	0.009
10.75	95.6	4.8	118.67	8.0698	0.009
11.00	95.7	4.9	118.68	7.9091	0.009
11.25	95.8	5.0	118.69	7.7556	0.009
11.50	95.8	5.1	118.69	7.6087	0.009
11.75	95.9	5.2	118.70	7.4681	0.009
12.00	96.0	5.3	118.71	7.3333	0.009
12.25	96.1	5.4	118.71	7.2041	0.009
12.50	96.2	5.5	118.71	7.0800	0.009
12.75	96.3	5.6	118.71	6.9608	0.009
13.00	96.4	5.7	118.71	6.8462	0.009
13.25	96.5	5.7	118.72	6.7358	0.009
13.50	96.6	5.8	118.72	6.6296	0.009
13.75	96.7	5.9	118.74	6.5273	0.009
14.00	96.8	6.0	118.73	6.4286	0.009
14.25	96.9	6.1	118.75	6.3333	0.009
14.50	97.0	6.2	118.75	6.2414	0.009
14.75	97.1	6.3	118.75	6.1525	0.009
15.00	97.2	6.4	118.77	6.0667	0.009
15.25	97.3	6.5	118.77	5.9836	0.009
15.50	97.4	6.6	118.77	5.9032	0.009
15.75	97.5	6.7	118.78	5.8254	0.009
16.00	97.6	6.8	118.78	5.7500	0.01
16.25	97.6	6.9	118.79	5.6769	0.01
16.50	97.8	7.0	118.80	5.6061	0.01
16.75	97.8	7.1	118.80	5.5373	0.01
17.00	97.9	7.2	118.80	5.4706	0.01
17.25	98.0	7.3	118.80	5.4058	0.01
17.50	98.1	7.4	118.81	5.3429	0.01
17.75	98.2	7.5	118.82	5.2817	0.01
18.00	98.3	7.5	118.82	5.2222	0.01
18.25	98.4	7.6	118.83	5.1644	0.01
18.50	98.5	7.7	118.84	5.1081	0.01
18.75	98.6	7.8	118.84	5.0533	0.01
19.00	98.6	7.9	118.85	5.0000	0.01
19.25	98.7	8.0	118.85	4.9481	0.01
19.50	98.8	8.1	118.85	4.8974	0.01

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9897 Schroeder#16-1DST#1 Berexco

DATE: 09/28/97

TIME: 08:45:06

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
19.75	98.9	8.2	118.86	4.8481	0.01
20.00	99.0	8.2	118.86	4.8000	0.01
20.25	99.1	8.3	118.87	4.7531	0.01
20.50	99.2	8.4	118.88	4.7073	0.01
20.75	99.3	8.5	118.88	4.6627	0.01
21.00	99.3	8.6	118.88	4.6190	0.01
21.25	99.4	8.7	118.89	4.5765	0.01
21.50	99.5	8.8	118.90	4.5349	0.01
21.75	99.6	8.9	118.90	4.4943	0.01
22.00	99.7	9.0	118.91	4.4545	0.01
22.25	99.8	9.1	118.92	4.4157	0.01
22.50	99.9	9.1	118.92	4.3778	0.01
22.75	100	9.2	118.92	4.3407	0.01
23.00	100.1	9.3	118.93	4.3043	0.010
23.25	100.2	9.4	118.92	4.2688	0.010
23.50	100.2	9.5	118.94	4.2340	0.010
23.75	100.3	9.6	118.94	4.2000	0.010
24.00	100.4	9.7	118.95	4.1667	0.010
24.25	100.5	9.8	118.94	4.1340	0.010
24.50	100.6	9.8	118.95	4.1020	0.010
24.75	100.7	9.9	118.96	4.0707	0.010
25.00	100.8	10.0	118.97	4.0400	0.010
25.25	100.9	10.1	118.97	4.0099	0.010
25.50	100.9	10.2	118.97	3.9804	0.010
25.75	101.0	10.3	118.98	3.9515	0.010
26.00	101.1	10.4	118.99	3.9231	0.010
26.25	101.2	10.5	118.99	3.8952	0.010
26.50	101.3	10.5	118.99	3.8679	0.010
26.75	101.4	10.6	118.99	3.8411	0.010
27.00	101.4	10.7	119.01	3.8148	0.010
27.25	101.5	10.8	119.01	3.7890	0.010
27.50	101.6	10.9	119.01	3.7636	0.010
27.75	101.7	11.0	119.03	3.7387	0.010
28.00	101.8	11.0	119.03	3.7143	0.010
28.25	101.8	11.1	119.03	3.6903	0.010
28.50	101.9	11.2	119.04	3.6667	0.010
28.75	102.0	11.3	119.06	3.6435	0.010
29.00	102.1	11.4	119.06	3.6207	0.010
29.25	102.2	11.4	119.06	3.5983	0.010
29.50	102.3	11.5	119.07	3.5763	0.010
29.75	102.3	11.6	119.07	3.5546	0.010
30.00	102.4	11.7	119.08	3.5333	0.010
30.25	102.5	11.8	119.07	3.5124	0.011
30.50	102.6	11.8	119.08	3.4918	0.011
30.75	102.7	11.9	119.09	3.4715	0.011
31.00	102.8	12.0	119.09	3.4516	0.011
31.25	102.8	12.1	119.10	3.4320	0.011
31.50	102.9	12.2	119.10	3.4127	0.011
31.75	103.0	12.3	119.11	3.3937	0.011
32.00	103.1	12.4	119.11	3.3750	0.011
32.25	103.2	12.4	119.11	3.3566	0.011

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9897 Schroeder#16-1DST#1 Berexco

DATE: 09/28/97

TIME: 08:45:06

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
32.50	103.3	12.5	119.13	3.3385	0.011
32.75	103.3	12.6	119.12	3.3206	0.011
33.00	103.4	12.7	119.13	3.3030	0.011
33.25	103.5	12.8	119.13	3.2857	0.011
33.50	103.6	12.8	119.14	3.2687	0.011
33.75	103.7	12.9	119.15	3.2519	0.011
34.00	103.8	13.0	119.15	3.2353	0.011
34.25	103.8	13.1	119.16	3.2190	0.011
34.50	103.9	13.2	119.16	3.2029	0.011
34.75	104.0	13.3	119.17	3.1871	0.011
35.00	104.1	13.3	119.17	3.1714	0.011
35.25	104.2	13.4	119.18	3.1560	0.011
35.50	104.2	13.5	119.18	3.1408	0.011
35.75	104.3	13.6	119.19	3.1259	0.011
36.00	104.4	13.7	119.20	3.1111	0.011
36.25	104.5	13.7	119.20	3.0966	0.011
36.50	104.6	13.8	119.20	3.0822	0.011
36.75	104.7	13.9	119.21	3.0680	0.011
37.00	104.7	14.0	119.21	3.0541	0.011
37.25	104.8	14.1	119.22	3.0403	0.011
37.50	104.9	14.2	119.23	3.0267	0.011
37.75	105.0	14.2	119.23	3.0132	0.011
38.00	105.1	14.3	119.24	3.0000	0.011
38.25	105.1	14.4	119.24	2.9869	0.011
38.50	105.2	14.5	119.24	2.9740	0.011
38.75	105.3	14.6	119.25	2.9613	0.011
39.00	105.4	14.6	119.26	2.9487	0.011
39.25	105.5	14.7	119.26	2.9363	0.011
39.50	105.5	14.8	119.27	2.9241	0.011
39.75	105.6	14.9	119.27	2.9119	0.011
40.00	105.7	15.0	119.27	2.9000	0.011
40.25	105.8	15.1	119.28	2.8882	0.011
40.50	105.9	15.1	119.28	2.8765	0.011
40.75	106.0	15.2	119.28	2.8650	0.011
41.00	106.0	15.3	119.30	2.8537	0.011
41.25	106.1	15.4	119.30	2.8424	0.011
41.50	106.2	15.5	119.31	2.8313	0.011
41.75	106.3	15.5	119.31	2.8204	0.011
42.00	106.4	15.6	119.32	2.8095	0.011
42.25	106.4	15.7	119.32	2.7988	0.011
42.50	106.5	15.8	119.33	2.7882	0.011
42.75	106.6	15.9	119.33	2.7778	0.011
43.00	106.7	15.9	119.34	2.7674	0.011
43.25	106.8	16.0	119.33	2.7572	0.011
43.50	106.8	16.1	119.35	2.7471	0.011
43.75	106.9	16.2	119.36	2.7371	0.011
44.00	107.0	16.3	119.36	2.7273	0.011
44.25	107.1	16.3	119.36	2.7175	0.011
44.50	107.2	16.4	119.37	2.7079	0.011
44.75	107.2	16.5	119.38	2.6983	0.012
45.00	107.3	16.6	119.38	2.6889	0.012

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9897 Schroeder#16-1DST#1 Berexco

DATE: 09/28/97

TIME: 08:45:06

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
45.25	107.4	16.7	119.38	2.6796	0.012
45.50	107.5	16.7	119.39	2.6703	0.012
45.75	107.6	16.8	119.40	2.6612	0.012
46.00	107.7	16.9	119.40	2.6522	0.012
46.25	107.8	17.0	119.40	2.6432	0.012
46.50	107.8	17.1	119.41	2.6344	0.012
46.75	107.9	17.1	119.42	2.6257	0.012
47.00	108.0	17.2	119.41	2.6170	0.012
47.25	108.1	17.3	119.43	2.6085	0.012
47.50	108.2	17.4	119.43	2.6000	0.012
47.75	108.5	17.8	119.44	2.5916	0.012
48.00	109.6	18.9	119.44	2.5833	0.012
48.25	110.1	19.3	119.45	2.5751	0.012
48.50	110.2	19.4	119.44	2.5670	0.012
48.75	110.3	19.5	119.45	2.5590	0.012
49.00	110.3	19.6	119.45	2.5510	0.012
49.25	110.4	19.6	119.47	2.5431	0.012
49.50	110.5	19.7	119.46	2.5354	0.012
49.75	110.5	19.8	119.47	2.5276	0.012
50.00	110.6	19.9	119.47	2.5200	0.012
50.25	110.7	19.9	119.48	2.5124	0.012
50.50	110.8	20.0	119.49	2.5050	0.012
50.75	110.8	20.1	119.49	2.4975	0.012
51.00	110.9	20.1	119.49	2.4902	0.012
51.25	111.0	20.2	119.51	2.4829	0.012
51.50	111.0	20.3	119.51	2.4757	0.012
51.75	111.1	20.3	119.51	2.4686	0.012
52.00	111.2	20.4	119.51	2.4615	0.012
52.25	111.3	20.5	119.52	2.4545	0.012
52.50	111.3	20.6	119.52	2.4476	0.012
52.75	111.4	20.7	119.53	2.4408	0.012
53.00	111.5	20.7	119.53	2.4340	0.012
53.25	111.6	20.8	119.54	2.4272	0.012
53.50	111.6	20.9	119.54	2.4206	0.012
53.75	111.7	21.0	119.56	2.4140	0.012
54.00	111.8	21.0	119.55	2.4074	0.012
54.25	111.9	21.1	119.56	2.4009	0.013
54.50	111.9	21.2	119.56	2.3945	0.013
54.75	112.0	21.2	119.55	2.3881	0.013
55.00	112.1	21.3	119.55	2.3818	0.013
55.25	112.2	21.4	119.57	2.3756	0.013
55.50	112.2	21.5	119.57	2.3694	0.013
55.75	112.3	21.5	119.58	2.3632	0.013
56.00	112.4	21.6	119.59	2.3571	0.013
56.25	112.4	21.7	119.59	2.3511	0.013
56.50	112.5	21.7	119.59	2.3451	0.013
56.75	112.6	21.8	119.60	2.3392	0.013
57.00	112.6	21.9	119.61	2.3333	0.013
57.25	112.7	22.0	119.61	2.3275	0.013
57.50	112.8	22.0	119.61	2.3217	0.013
57.75	112.8	22.1	119.62	2.3160	0.013

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9897 Schroeder#16-1DST#1 Berexco

DATE: 09/28/97

TIME: 08:45:06

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
58.00	112.9	22.2	119.63	2.3103	0.013
58.25	113.0	22.3	119.64	2.3047	0.013
58.50	113.1	22.3	119.63	2.2991	0.013
58.75	113.1	22.4	119.64	2.2936	0.013
59.00	113.2	22.5	119.64	2.2881	0.013
59.25	113.3	22.5	119.65	2.2827	0.013
59.50	113.4	22.6	119.66	2.2773	0.013
59.75	113.4	22.7	119.66	2.2720	0.013
60.00	113.5	22.8	119.66	2.2667	0.013
60.25	113.6	22.8	119.66	2.2614	0.013
60.50	113.6	22.9	119.68	2.2562	0.013
60.75	113.7	23.0	119.68	2.2510	0.013
61.00	113.8	23.1	119.68	2.2459	0.013
61.25	113.9	23.1	119.69	2.2408	0.013
61.50	113.9	23.2	119.70	2.2358	0.013
61.75	114.0	23.3	119.70	2.2308	0.013
62.00	114.1	23.3	119.70	2.2258	0.013
62.25	114.2	23.4	119.71	2.2209	0.013
62.50	114.2	23.5	119.72	2.2160	0.013
62.75	114.3	23.6	119.73	2.2112	0.013
63.00	114.4	23.6	119.72	2.2063	0.013
63.25	114.5	23.7	119.73	2.2016	0.013
63.50	114.5	23.8	119.73	2.1969	0.013
63.75	114.6	23.9	119.73	2.1922	0.013
64.00	114.7	23.9	119.74	2.1875	0.013
64.25	114.8	24.0	119.75	2.1829	0.013
64.50	114.8	24.1	119.75	2.1783	0.013
64.75	114.9	24.1	119.75	2.1737	0.013
65.00	115.0	24.2	119.76	2.1692	0.013
65.25	115.0	24.3	119.77	2.1648	0.013
65.50	115.1	24.4	119.77	2.1603	0.013
65.75	115.2	24.5	119.78	2.1559	0.013
66.00	115.3	24.5	119.77	2.1515	0.013
66.25	115.4	24.6	119.78	2.1472	0.013
66.50	115.4	24.7	119.79	2.1429	0.013
66.75	115.5	24.8	119.79	2.1386	0.013
67.00	115.6	24.8	119.79	2.1343	0.013
67.25	115.6	24.9	119.80	2.1301	0.013
67.50	115.7	25.0	119.81	2.1259	0.013
67.75	115.8	25.1	119.81	2.1218	0.013
68.00	115.9	25.1	119.82	2.1176	0.013
68.25	115.9	25.2	119.82	2.1136	0.013
68.50	116.0	25.3	119.83	2.1095	0.013
68.75	116.1	25.3	119.83	2.1055	0.013
69.00	116.2	25.4	119.83	2.1014	0.013
69.25	116.2	25.5	119.84	2.0975	0.014
69.50	116.3	25.6	119.85	2.0935	0.014
69.75	116.4	25.6	119.85	2.0896	0.014
70.00	116.5	25.7	119.86	2.0857	0.014
70.25	116.5	25.8	119.87	2.0819	0.014
70.50	116.6	25.9	119.86	2.0780	0.014

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9897 Schroeder#16-1DST#1 Berexco

DATE: 09/28/97

TIME: 08:45:06

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dt)/dt	P^2/10^6
70.75	116.7	25.9	119.86	2.0742	0.014
71.00	116.8	26.0	119.86	2.0704	0.014
71.25	116.8	26.1	119.88	2.0667	0.014
71.50	116.9	26.2	119.88	2.0629	0.014
71.75	117.0	26.2	119.89	2.0592	0.014
72.00	117.1	26.3	119.90	2.0556	0.014
72.25	117.1	26.4	119.90	2.0519	0.014
72.50	117.2	26.5	119.90	2.0483	0.014
72.75	117.3	26.5	119.91	2.0447	0.014
73.00	117.3	26.6	119.91	2.0411	0.014
73.25	117.4	26.7	119.92	2.0375	0.014
73.50	117.5	26.8	119.92	2.0340	0.014
73.75	117.6	26.8	119.92	2.0305	0.014
74.00	117.6	26.9	119.94	2.0270	0.014
74.25	117.7	27.0	119.94	2.0236	0.014
74.50	117.8	27.0	119.94	2.0201	0.014
74.75	117.9	27.1	119.94	2.0167	0.014
75.00	117.9	27.2	119.94	2.0133	0.014
75.25	118.0	27.3	119.96	2.0100	0.014
75.50	118.1	27.3	119.96	2.0066	0.014
75.75	118.2	27.4	119.96	2.0033	0.014
76.00	118.2	27.5	119.96	2.0000	0.014
76.25	118.3	27.6	119.96	1.9967	0.014
76.50	118.4	27.6	119.98	1.9935	0.014
76.75	118.5	27.7	119.98	1.9902	0.014
77.00	118.5	27.8	119.99	1.9870	0.014
77.25	118.6	27.9	119.99	1.9838	0.014
77.50	118.7	27.9	119.99	1.9806	0.014
77.75	118.8	28.0	120.00	1.9775	0.014
78.00	118.8	28.1	120.01	1.9744	0.014
78.25	118.9	28.2	120.01	1.9712	0.014
78.50	119.0	28.2	120.01	1.9682	0.014
78.75	119.0	28.3	120.02	1.9651	0.014
79.00	119.1	28.4	120.02	1.9620	0.014
79.25	119.2	28.4	120.02	1.9590	0.014
79.50	119.3	28.5	120.04	1.9560	0.014
79.75	119.3	28.6	120.04	1.9530	0.014
80.00	119.4	28.6	120.04	1.9500	0.014
80.25	119.5	28.7	120.04	1.9470	0.014
80.50	119.5	28.8	120.05	1.9441	0.014
80.75	119.6	28.9	120.04	1.9412	0.014
81.00	119.7	28.9	120.05	1.9383	0.014
81.25	119.8	29.0	120.06	1.9354	0.014
81.50	119.8	29.1	120.07	1.9325	0.014
81.75	119.9	29.2	120.08	1.9297	0.014
82.00	120.0	29.2	120.07	1.9268	0.014
82.25	120.0	29.3	120.08	1.9240	0.014
82.50	120.1	29.4	120.09	1.9212	0.014
82.75	120.2	29.4	120.09	1.9184	0.014
83.00	120.3	29.5	120.09	1.9157	0.014
83.25	120.3	29.6	120.10	1.9129	0.014

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9897 Schroeder#16-1DST#1 Berexco

DATE: 09/28/97

TIME: 08:45:06

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
83.50	120.4	29.7	120.10	1.9102	0.014
83.75	120.5	29.7	120.10	1.9075	0.015
84.00	120.5	29.8	120.11	1.9048	0.015
84.25	120.6	29.9	120.13	1.9021	0.015
84.50	120.7	29.9	120.12	1.8994	0.015
84.75	120.8	30.0	120.12	1.8968	0.015
85.00	120.8	30.1	120.13	1.8941	0.015
85.25	120.9	30.2	120.14	1.8915	0.015
85.50	121.0	30.2	120.15	1.8889	0.015
85.75	121.0	30.3	120.14	1.8863	0.015
86.00	121.1	30.4	120.15	1.8837	0.015
86.25	121.2	30.5	120.15	1.8812	0.015
86.50	121.3	30.5	120.15	1.8786	0.015
86.75	121.3	30.6	120.15	1.8761	0.015
87.00	121.4	30.7	120.16	1.8736	0.015
87.25	121.5	30.7	120.17	1.8711	0.015
87.50	121.5	30.8	120.17	1.8686	0.015
87.75	121.6	30.9	120.18	1.8661	0.015
88.00	121.7	31.0	120.19	1.8636	0.015
88.25	121.8	31.0	120.19	1.8612	0.015
88.50	121.8	31.1	120.18	1.8588	0.015
88.75	121.9	31.2	120.19	1.8563	0.015
89.00	122.0	31.2	120.20	1.8539	0.015
89.25	122.1	31.3	120.21	1.8515	0.015
89.50	122.1	31.4	120.21	1.8492	0.015
89.75	122.2	31.4	120.21	1.8468	0.015
90.00	122.3	31.5	120.21	1.8444	0.015
90.25	122.3	31.6	120.22	1.8421	0.015
90.50	122.4	31.6	120.22	1.8398	0.015
90.75	122.5	31.7	120.24	1.8375	0.015
91.00	122.5	31.8	120.24	1.8352	0.015
91.25	122.6	31.9	120.24	1.8329	0.015
91.50	122.7	31.9	120.25	1.8306	0.015
91.75	122.8	32.0	120.25	1.8283	0.015
92.00	122.8	32.1	120.24	1.8261	0.015
92.25	122.9	32.1	120.25	1.8238	0.015
92.50	123.0	32.2	120.26	1.8216	0.015
92.75	123.1	32.3	120.27	1.8194	0.015
93.00	123.1	32.4	120.26	1.8172	0.015
93.25	123.2	32.4	120.27	1.8150	0.015
93.50	123.3	32.5	120.27	1.8128	0.015
93.75	123.3	32.6	120.29	1.8107	0.015
94.00	123.4	32.7	120.29	1.8085	0.015
94.25	123.5	32.7	120.29	1.8064	0.015
94.50	123.5	32.8	120.29	1.8042	0.015
94.75	123.6	32.9	120.31	1.8021	0.015
95.00	123.7	32.9	120.31	1.8000	0.015
95.25	123.8	33.0	120.31	1.7979	0.015
95.50	123.8	33.1	120.31	1.7958	0.015
95.75	123.9	33.2	120.32	1.7937	0.015
96.00	124.0	33.3	120.32	1.7917	0.015

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9897 Schroeder#16-1DST#1 Berexco

DATE: 09/28/97

TIME: 08:45:06

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
96.25	124.1	33.3	120.33	1.7896	0.015
96.50	124.2	33.4	120.33	1.7876	0.015
96.75	124.2	33.5	120.33	1.7855	0.015
97.00	124.3	33.5	120.34	1.7835	0.015
97.25	126.2	35.5	120.34	1.7815	0.016
97.50	128.4	37.6	120.35	1.7795	0.016
97.75	128.4	37.6	120.36	1.7775	0.016
98.00	128.4	37.6	120.36	1.7755	0.016
98.25	128.4	37.6	120.36	1.7735	0.016
98.50	128.4	37.7	120.37	1.7716	0.016
98.75	128.4	37.7	120.36	1.7696	0.016
99.00	128.4	37.7	120.37	1.7677	0.016
99.25	128.5	37.8	120.38	1.7657	0.017
99.50	128.5	37.8	120.38	1.7638	0.017
99.75	128.6	37.9	120.39	1.7619	0.017
100.00	128.7	38.0	120.39	1.7600	0.017
100.25	128.8	38.0	120.40	1.7581	0.017
100.50	128.8	38.1	120.41	1.7562	0.017
100.75	128.9	38.2	120.41	1.7543	0.017
101.00	129.0	38.2	120.41	1.7525	0.017
101.25	129.0	38.3	120.43	1.7506	0.017
101.50	129.1	38.3	120.42	1.7488	0.017
101.75	129.1	38.4	120.43	1.7469	0.017
102.00	129.2	38.4	120.42	1.7451	0.017
102.25	129.3	38.5	120.43	1.7433	0.017
102.50	129.3	38.6	120.44	1.7415	0.017
102.75	129.4	38.6	120.45	1.7397	0.017
103.00	129.4	38.7	120.45	1.7379	0.017
103.25	129.5	38.7	120.45	1.7361	0.017
103.50	129.5	38.8	120.46	1.7343	0.017
103.75	129.6	38.9	120.46	1.7325	0.017
104.00	129.7	38.9	120.46	1.7308	0.017
104.25	129.7	39.0	120.47	1.7290	0.017
104.50	129.8	39.1	120.48	1.7273	0.017
104.75	129.8	39.1	120.48	1.7255	0.017
105.00	129.9	39.2	120.48	1.7238	0.017
105.25	130.0	39.2	120.49	1.7221	0.017
105.50	130.1	39.4	120.49	1.7204	0.017
105.75	130.2	39.4	120.50	1.7187	0.017
106.00	130.3	39.5	120.49	1.7170	0.017
106.25	130.3	39.6	120.50	1.7153	0.017
106.50	130.4	39.6	120.51	1.7136	0.017
106.75	130.4	39.7	120.51	1.7119	0.017
107.00	130.5	39.8	120.52	1.7103	0.017
107.25	130.6	39.8	120.52	1.7086	0.017
107.50	130.6	39.9	120.54	1.7070	0.017
107.75	130.7	40.0	120.53	1.7053	0.017
108.00	130.8	40.0	120.53	1.7037	0.017
108.25	130.8	40.1	120.55	1.7021	0.017
108.50	130.9	40.2	120.55	1.7005	0.017
108.75	131.3	40.6	120.55	1.6989	0.017

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9897 Schroeder#16-1DST#1 Berexco

DATE: 09/28/97

TIME: 08:45:06

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	109.00	131.5	40.8	120.56	1.6972	0.017
	109.25	131.6	40.9	120.56	1.6957	0.017
	109.50	131.7	41.0	120.56	1.6941	0.017
	109.75	131.8	41.1	120.56	1.6925	0.017
	110.00	131.9	41.1	120.57	1.6909	0.017
	110.25	132.0	41.3	120.57	1.6893	0.017
	110.50	132.1	41.4	120.57	1.6878	0.017
	110.75	132.2	41.5	120.58	1.6862	0.017
	111.00	132.3	41.6	120.58	1.6847	0.018
	111.25	132.4	41.6	120.58	1.6831	0.018
	111.50	132.4	41.7	120.59	1.6816	0.018
	111.75	132.5	41.7	120.60	1.6801	0.018
	112.00	132.5	41.8	120.60	1.6786	0.018
	112.25	132.6	41.9	120.61	1.6771	0.018
	112.50	132.7	41.9	120.61	1.6756	0.018
	112.75	132.7	42.0	120.61	1.6741	0.018
	113.00	132.8	42.1	120.62	1.6726	0.018
	113.25	132.9	42.1	120.63	1.6711	0.018
	113.50	133.0	42.2	120.63	1.6696	0.018
	113.75	133.0	42.3	120.63	1.6681	0.018
	114.00	133.1	42.3	120.63	1.6667	0.018
	114.25	133.1	42.4	120.65	1.6652	0.018
	114.50	133.2	42.5	120.64	1.6638	0.018
	114.75	133.3	42.5	120.64	1.6623	0.018
	115.00	133.3	42.6	120.65	1.6609	0.018
	115.25	133.4	42.7	120.65	1.6594	0.018
	115.50	133.5	42.7	120.66	1.6580	0.018
	115.75	133.5	42.8	120.67	1.6566	0.018
	116.00	133.6	42.9	120.66	1.6552	0.018
	116.25	133.7	43.0	120.68	1.6538	0.018
	116.50	133.8	43.0	120.68	1.6524	0.018
	116.75	133.8	43.1	120.68	1.6510	0.018
	117.00	133.9	43.2	120.69	1.6496	0.018
	117.25	134.0	43.2	120.69	1.6482	0.018
	117.50	134.0	43.3	120.69	1.6468	0.018
***** End Shut-in 2	117.75	134.1	43.4	120.70	1.6454	0.018
***** Final Hydro.	350.50	2441.6	0.0	120.73		

TEST HISTORY

9897 Schroeder#16-1DST#1 Berexco

Flag Points

Time (Min.) Pressure (PSIG)

A:	0.00	2506.97
B:	0.00	49.35
C:	16.00	78.45
D:	38.75	114.04
E:	0.00	45.51
F:	60.00	90.75
G:	117.75	134.11
H:	0.00	2441.60

