

WELL NAME: Reitzke #1
COMPANY: Thoroughbred Associates LLC
LOCATION: 21-32s-19w
Comanche County, Kansas
DATE: 9/3/98

TRILOBITE TESTING L.L.C.

OPERATOR : Thoroughbred Assoc.LLC DATE 8-27-98
 WELL NAME: Rietzke #1 KB 1974.00 ft TICKET NO: 11338 DST #1
 LOCATION : 21-32s-19w Comanche co.KS GR 1969.00 ft FORMATION: Lansing E&F
 INTERVAL : 4451.00 To 4496.00 ft TD 4496.00 ft TEST TYPE: CONV.

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	11085	11085	3027			PF Fr. 0845 to 0915 hr
SI 60	Range(Psi)	4300.0	4300.0	4995.0	0.0	0.0	IS Fr. 0915 to 1015 hr
SF 60	Clock(hrs)	12hr	12hr	elec			SF Fr. 1015 to 1115 hr
FS 90	Depth(ft)	4459.0	4459.0	4455.0	0.0	0.0	FS Fr. 1115 to 1245 hr

	Field	1	2	3	4	
A. Init Hydro	2101.0	1901.0	2143.0	0.0	0.0	T STARTED 0642 hr
B. First Flow	187.0	189.0	178.0	0.0	0.0	T ON BOTM 0842 hr
B1. Final Flow	209.0	220.0	240.0	0.0	0.0	T OPEN 0845 hr
C. In Shut-in	1625.0	1625.0	1683.0	0.0	0.0	T PULLED 1245 hr
D. Init Flow	253.0	251.0	249.0	0.0	0.0	T OUT 1430 hr
E. Final Flow	253.0	264.0	264.0	0.0	0.0	
F. Fl Shut-in	1647.0	1637.0	1673.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2069.0	2073.0	2079.0	0.0	0.0	Tool Wt. 2200.00 lbs
Inside/Outside	o	o	i			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 70000.00 lbs
						Initial Str Wt 62000.00 lbs
						Unseated Str Wt 62000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 240.00 ft
						D.P. Length 4205.00 ft

RECOVERY

Tot Fluid 270.00 ft of 240.00 ft in DC and 30.00 ft in DP
 270.00 ft of gas cut mud 25%gas 75%mud
 0.00 ft of
 0.00 ft of

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

BLOW DESCRIPTION

Initial Flow:
 Strong blow gas to surface in 3 mins.
 Final Flow:
 Gas to surface, gas surfaced in
 3 mins.

MUD DATA-----

Mud Type	chemical
Weight	9.30 lb/c
Vis.	45.00 S/L
W.L.	9.60 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	107.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00

SAMPLES: gas sample bottle#88
 SENT TO:Caraway Anal.Liberal

Cushion Type	
Reversed Out	
Tool Chased N	
Tester	Ray Schwager
Co. Rep.	Paul Gunzelman
Contr.	Pickrell Drlg.
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number: 983343 Analyzed: 09/01/98
Sample From: Rietzke #1 DST 1 Pressure:
Producer: Thoroughbred Associates, L.L.C. Temperature:
Date: Location: 21-32-19
Time: County: Comanche
Sampler: State: Kansas
Source: Formation: Lans E&F

	Mole %	GPM
Helium	He: 0.269	0.000
Hydrogen	H2: 0.012	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 10.712	0.000
Carbon Dioxide	CO2: 0.274	0.000
Methane	C1: 79.348	0.000
Ethane	C2: 4.628	1.238
Propane	C3: 2.648	0.730
Iso Butane	iC4: 0.413	0.135
Normal Butane	nC4: 0.827	0.261
Iso Pentane	iC5: 0.238	0.087
Normal Pentane	nC5: 0.232	0.084
Hexanes Plus	C6+: 0.399	0.174
TOTAL:	100.000	2.708
Z Fact:	0.9976	
SP.GR.:	0.6874	
BTU (SAT):	1016.5 @ 14.73 psia	
BTU (DRY):	1034.5 @ 14.73 psia	
OCTANE RATING:	112.0	

COMMENTS:

0.000

*** TOOL DIAGRAM *** CONV.

WELL NAME: Rietzke #1
 LOCATION : 21-32s-19w Comanche co.KS
 TICKET No. 11338 D.S.T. No. 1 DATE 8-27-98
 TOTAL TOOL TO BOTTOM OF TOP PACKERS 22
 INTERVAL TOOL
 BOTTOM PACKERS AND ANCHOR 45
 TOTAL TOOL 67
 DRILL COLLAR ANCHOR IN INTERVAL
 D.C. ANCHOR STND.Stands Single Total
 D.P. ANCHOR STND.Stands Single Total
 TOTAL ASSEMBLY
 D.C. ABOVE TOOLS.Stands4 Single Total 240
 D.P. ABOVE TOOLS.Stands68 Single Total 4205
 TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4512
 TOTAL DEPTH 4496
 TOTAL DRILL PIPE ABOVE K.B. 16
 REMARKS:

P.O. SUB	4307
C.O. SUB	4429
S.I. TOOL	4433
HMV	4438
JARS	
SAFETY JOINT	4443
PACKER	4446
PACKER	4451
DEPTH	
STUBB	4452
ANCHOR	
4'perf	4456
4' "	4460
32'drlg pipe	4492
Alpine@4455	
AK-1 @4459	
T.C.	
DEPTH	
2'perf	4494
BULLNOSE 2'bullplug	4496
T.D.	4496

TEST HISTORY

11338 DST#1 Rietzke #1 Thoroughbred Associates, LLC

Flag Points

	t (Min.)	Pk (PSig)
A:	0.00	2143.36
B:	0.00	178.47
C:	30.00	240.77
D:	59.50	1683.45
E:	0.00	249.12
F:	56.50	264.00
G:	89.00	1673.44
Q:	0.00	2079.23

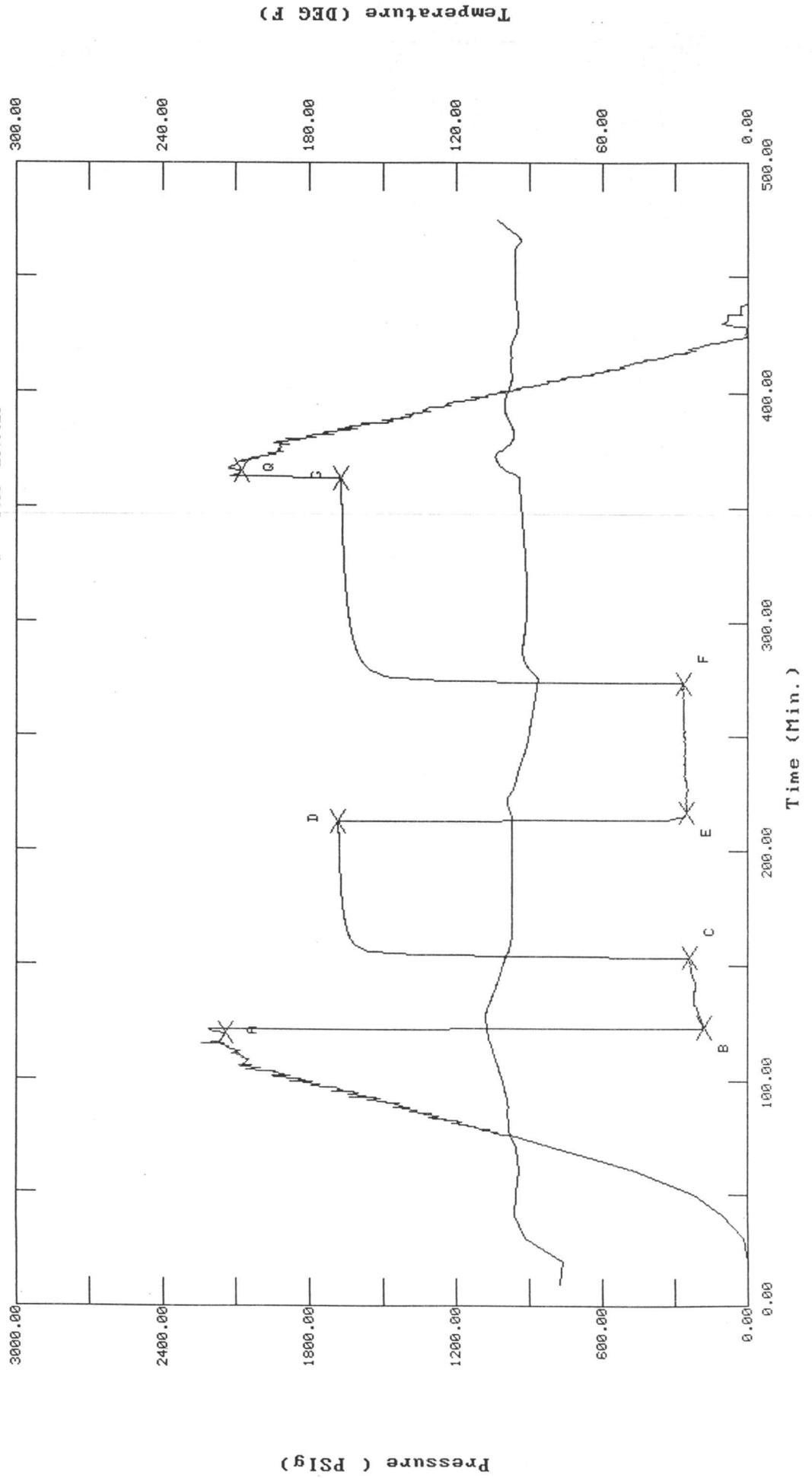
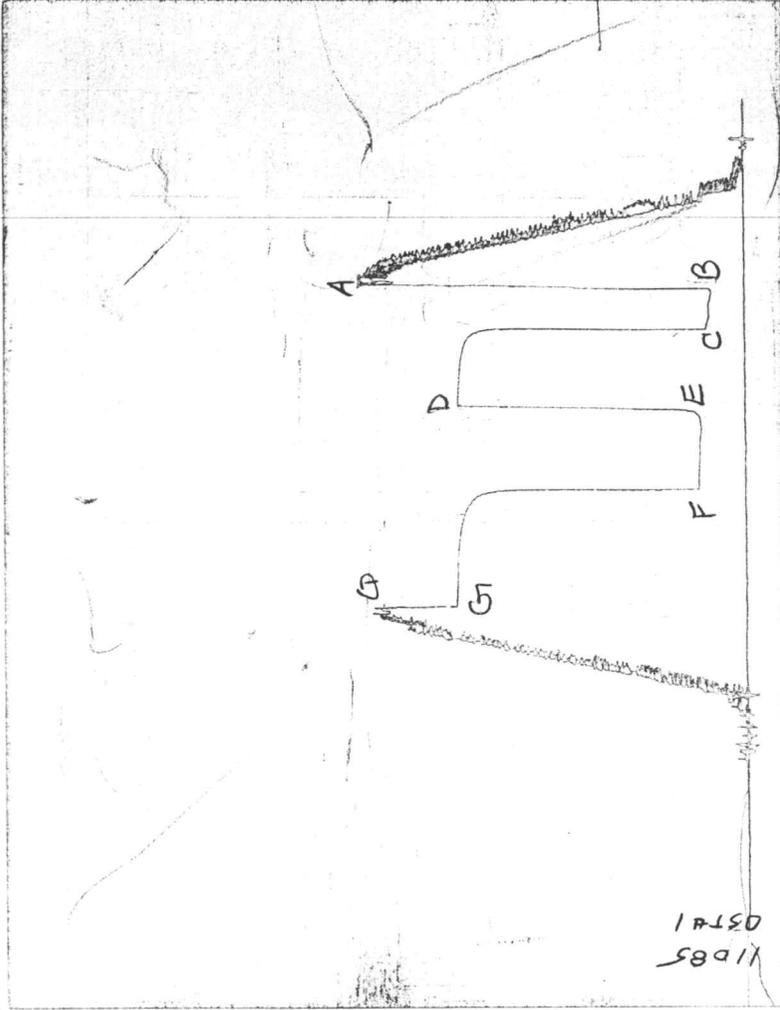


CHART PAGE



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

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11338 DST#1 Rietzke #1 Thoroughbred Associates, LLC

DATE: 08/27/98 TIME: 05:28:21

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	120.50	2143.4	0.0	106.98		
***** Start Flow 1	0.00	178.5	0.0	107.52		
	0.50	180.8	2.4	107.56		
	1.00	181.8	3.3	107.58		
	1.50	185.4	7.0	107.63		
	2.00	185.2	6.7	107.69		
	2.50	187.1	8.7	107.76		
	3.00	191.6	13.1	107.81		
	3.50	192.0	13.5	107.87		
	4.00	193.4	15.0	107.85		
	4.50	193.5	15.1	107.86		
	5.00	196.7	18.2	107.80		
	5.50	200.1	21.7	107.73		
	6.00	200.2	21.7	107.64		
	6.50	204.6	26.1	107.51		
	7.00	203.5	25.0	107.37		
	7.50	205.5	27.1	107.21		
	8.00	206.5	28.0	107.03		
	8.50	208.8	30.3	106.83		
	9.00	208.0	29.5	106.63		
	9.50	219.2	40.8	106.43		
	10.00	219.1	40.6	106.39		
	10.50	220.1	41.6	106.10		
	11.00	222.2	43.8	105.92		
	11.50	221.9	43.4	105.74		
	12.00	219.0	40.6	105.59		
	12.50	222.6	44.1	105.41		
	13.00	219.9	41.5	105.25		
	13.50	220.3	41.9	105.07		
	14.00	218.6	40.1	104.90		
	14.50	218.3	39.8	104.70		
	15.00	220.7	42.3	104.53		
	15.50	217.1	38.7	104.36		
	16.00	215.2	36.7	104.17		
	16.50	215.3	36.8	103.96		
	17.00	216.0	37.6	103.85		
	17.50	214.7	36.2	103.67		
	18.00	214.3	35.8	103.49		
	18.50	215.7	37.2	103.29		
	19.00	212.8	34.4	103.11		
	19.50	215.8	37.3	102.94		
	20.00	217.6	39.1	102.77		
	20.50	218.2	39.7	102.62		
	21.00	220.1	41.6	102.46		
	21.50	223.3	44.8	102.30		
	22.00	225.2	46.8	102.14		
	22.50	223.7	45.3	101.99		
	23.00	227.2	48.7	101.83		
	23.50	229.8	51.3	101.69		
	24.00	229.4	50.9	101.51		
	24.50	231.2	52.7	101.46		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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 DATE: 08/27/98 TIME: 05:28:21

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	25.00	229.7	51.2	101.30		
	25.50	233.4	54.9	101.16		
	26.00	231.7	53.2	101.01		
	26.50	235.3	56.8	100.86		
	27.00	234.3	55.8	100.69		
	27.50	238.1	59.6	100.53		
	28.00	238.8	60.3	100.36		
	28.50	240.6	62.1	100.23		
	29.00	241.6	63.1	100.07		
	29.50	239.1	60.6	99.94		
***** End Flow 1	30.00	240.8	62.3	99.78		
***** Start Shutin 1	0.00	240.8	0.0	99.78	0.0000	0.058
	0.50	903.9	663.1	99.52	61.0000	0.817
	1.00	1345.0	1104.2	99.23	31.0000	1.809
	1.50	1475.8	1235.0	98.97	21.0000	2.178
	2.00	1527.4	1286.6	98.72	16.0000	2.333
	2.50	1557.2	1316.4	98.51	13.0000	2.425
	3.00	1576.6	1335.8	98.31	11.0000	2.486
	3.50	1590.0	1349.2	98.15	9.5714	2.528
	4.00	1600.0	1359.2	97.99	8.5000	2.560
	4.50	1607.7	1366.9	97.88	7.6667	2.585
	5.00	1613.9	1373.1	97.76	7.0000	2.605
	5.50	1619.1	1378.3	97.67	6.4545	2.621
	6.00	1623.4	1382.6	97.61	6.0000	2.635
	6.50	1627.1	1386.4	97.52	5.6154	2.648
	7.00	1630.4	1389.7	97.46	5.2857	2.658
	7.50	1633.3	1392.6	97.41	5.0000	2.668
	8.00	1636.0	1395.2	97.39	4.7500	2.676
	8.50	1638.3	1397.5	97.34	4.5294	2.684
	9.00	1640.5	1399.7	97.30	4.3333	2.691
	9.50	1642.4	1401.6	97.26	4.1579	2.698
	10.00	1644.2	1403.5	97.24	4.0000	2.704
	10.50	1645.9	1405.1	97.21	3.8571	2.709
	11.00	1647.5	1406.7	97.20	3.7273	2.714
	11.50	1648.9	1408.1	97.17	3.6087	2.719
	12.00	1650.2	1409.5	97.16	3.5000	2.723
	12.50	1651.5	1410.7	97.14	3.4000	2.727
	13.00	1652.7	1411.9	97.13	3.3077	2.731
	13.50	1653.8	1413.0	97.11	3.2222	2.735
	14.00	1654.9	1414.1	97.11	3.1429	2.739
	14.50	1655.9	1415.1	97.09	3.0690	2.742
	15.00	1656.9	1416.1	97.10	3.0000	2.745
	15.50	1657.8	1417.0	97.08	2.9355	2.748
	16.00	1658.7	1417.9	97.07	2.8750	2.751
	16.50	1659.5	1418.7	97.07	2.8182	2.754
	17.00	1660.3	1419.5	97.06	2.7647	2.757
	17.50	1661.1	1420.3	97.06	2.7143	2.759
	18.00	1661.8	1421.0	97.04	2.6667	2.762
	18.50	1662.5	1421.8	97.06	2.6216	2.764
	19.00	1663.2	1422.4	97.04	2.5789	2.766
	19.50	1663.8	1423.1	97.05	2.5385	2.768

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11338 DST#1 Rietzke #1 Thoroughbred Associates, LLC

DATE: 08/27/98 TIME: 05:28:21

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
20.00	1664.4	1423.7	97.06	2.5000	2.770
20.50	1665.0	1424.3	97.03	2.4634	2.772
21.00	1665.6	1424.9	97.02	2.4286	2.774
21.50	1666.2	1425.4	97.03	2.3953	2.776
22.00	1666.7	1426.0	97.04	2.3636	2.778
22.50	1667.3	1426.5	97.04	2.3333	2.780
23.00	1667.8	1427.0	97.03	2.3043	2.781
23.50	1668.3	1427.5	97.03	2.2766	2.783
24.00	1668.7	1428.0	97.02	2.2500	2.785
24.50	1669.2	1428.4	97.02	2.2245	2.786
25.00	1669.6	1428.8	97.02	2.2000	2.788
25.50	1670.0	1429.2	97.01	2.1765	2.789
26.00	1670.4	1429.7	97.02	2.1538	2.790
26.50	1670.8	1430.1	97.00	2.1321	2.792
27.00	1671.2	1430.4	97.02	2.1111	2.793
27.50	1671.6	1430.8	97.02	2.0909	2.794
28.00	1672.0	1431.2	97.02	2.0714	2.795
28.50	1672.3	1431.5	97.01	2.0526	2.797
29.00	1672.7	1431.9	97.02	2.0345	2.798
29.50	1673.0	1432.2	97.03	2.0169	2.799
30.00	1673.3	1432.5	97.02	2.0000	2.800
30.50	1673.6	1432.9	97.02	1.9836	2.801
31.00	1673.9	1433.2	97.02	1.9677	2.802
31.50	1674.3	1433.5	97.02	1.9524	2.803
32.00	1674.5	1433.8	97.02	1.9375	2.804
32.50	1674.8	1434.1	97.03	1.9231	2.805
33.00	1675.1	1434.3	97.03	1.9091	2.806
33.50	1675.4	1434.6	97.04	1.8955	2.807
34.00	1675.6	1434.8	97.03	1.8824	2.808
34.50	1675.9	1435.1	97.02	1.8696	2.809
35.00	1676.1	1435.4	97.02	1.8571	2.809
35.50	1676.4	1435.6	97.03	1.8451	2.810
36.00	1676.6	1435.9	97.04	1.8333	2.811
36.50	1676.9	1436.1	97.04	1.8219	2.812
37.00	1677.1	1436.3	97.05	1.8108	2.813
37.50	1677.3	1436.5	97.02	1.8000	2.813
38.00	1677.5	1436.8	97.04	1.7895	2.814
38.50	1677.8	1437.0	97.05	1.7792	2.815
39.00	1677.9	1437.2	97.06	1.7692	2.816
39.50	1678.2	1437.4	97.06	1.7595	2.816
40.00	1678.3	1437.6	97.05	1.7500	2.817
40.50	1678.5	1437.8	97.04	1.7407	2.818
41.00	1678.8	1438.0	97.06	1.7317	2.818
41.50	1678.9	1438.2	97.05	1.7229	2.819
42.00	1679.1	1438.4	97.06	1.7143	2.819
42.50	1679.3	1438.5	97.06	1.7059	2.820
43.00	1679.5	1438.7	97.06	1.6977	2.821
43.50	1679.7	1438.9	97.06	1.6897	2.821
44.00	1679.8	1439.1	97.07	1.6818	2.822
44.50	1680.0	1439.3	97.07	1.6742	2.822
45.00	1680.2	1439.4	97.08	1.6667	2.823

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	45.50	1680.4	1439.6	97.07	1.6593	2.824
	46.00	1680.5	1439.7	97.07	1.6522	2.824
	46.50	1680.6	1439.9	97.09	1.6452	2.825
	47.00	1680.8	1440.0	97.10	1.6383	2.825
	47.50	1681.0	1440.2	97.10	1.6316	2.826
	48.00	1681.1	1440.3	97.11	1.6250	2.826
	48.50	1681.2	1440.5	97.11	1.6186	2.827
	49.00	1681.4	1440.6	97.11	1.6122	2.827
	49.50	1681.6	1440.8	97.11	1.6061	2.828
	50.00	1681.7	1440.9	97.13	1.6000	2.828
	50.50	1681.8	1441.0	97.13	1.5941	2.828
	51.00	1682.0	1441.2	97.14	1.5882	2.829
	51.50	1682.1	1441.3	97.13	1.5825	2.829
	52.00	1682.3	1441.5	97.14	1.5769	2.830
	52.50	1682.4	1441.6	97.14	1.5714	2.830
	53.00	1682.5	1441.7	97.16	1.5660	2.831
	53.50	1682.6	1441.8	97.16	1.5607	2.831
	54.00	1682.7	1441.9	97.18	1.5556	2.832
	54.50	1682.9	1442.1	97.17	1.5505	2.832
	55.00	1682.9	1442.2	97.18	1.5455	2.832
	55.50	1683.0	1442.3	97.19	1.5405	2.833
	56.00	1683.2	1442.4	97.18	1.5357	2.833
	56.50	1683.3	1442.5	97.20	1.5310	2.833
	57.00	1683.4	1442.6	97.20	1.5263	2.834
	57.50	1683.5	1442.7	97.20	1.5217	2.834
	58.00	1683.6	1442.8	97.21	1.5172	2.835
	58.50	1683.7	1442.9	97.23	1.5128	2.835
	59.00	1683.8	1443.0	97.23	1.5085	2.835
***** End Shut-in 1	59.50	1683.5	1442.7	97.24	1.5042	2.834
***** Start Flow 2	0.00	249.1	0.0	97.82		
	0.50	249.0	-0.1	97.99		
	1.00	250.6	1.5	98.15		
	1.50	249.3	0.1	98.31		
	2.00	250.2	1.1	98.44		
	2.50	250.4	1.3	98.56		
	3.00	252.0	2.9	98.67		
	3.50	250.6	1.4	98.72		
	4.00	253.0	3.8	98.79		
	4.50	252.1	3.0	98.83		
	5.00	250.7	1.6	98.84		
	5.50	252.4	3.2	98.84		
	6.00	250.8	1.7	98.79		
	6.50	253.1	4.0	98.67		
	7.00	251.6	2.4	98.46		
	7.50	252.2	3.1	98.23		
	8.00	248.1	-1	97.93		
	8.50	247.4	-1.7	97.63		
	9.00	247.4	-1.7	97.32		
	9.50	247.5	-1.6	97.03		
	10.00	245.8	-3.3	96.76		
	10.50	246.1	-3.0	96.49		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
11.00	247.5	-1.6	96.37		
11.50	248.7	-0.4	96.15		
12.00	250.9	1.8	95.99		
12.50	250.6	1.5	95.84		
13.00	251.2	2.1	95.71		
13.50	251.3	2.2	95.57		
14.00	252.8	3.7	95.45		
14.50	255.9	6.8	95.32		
15.00	256.7	7.5	95.20		
15.50	255.0	5.9	95.09		
16.00	259.3	10.2	94.97		
16.50	254.4	5.3	94.83		
17.00	257.2	8.1	94.70		
17.50	258.1	9.0	94.55		
18.00	256.4	7.2	94.41		
18.50	258.9	9.8	94.27		
19.00	256.9	7.7	94.11		
19.50	258.7	9.6	93.97		
20.00	257.5	8.4	93.85		
20.50	256.5	7.4	93.70		
21.00	258.1	9.0	93.54		
21.50	259.4	10.3	93.39		
22.00	258.6	9.5	93.24		
22.50	257.0	7.9	93.10		
23.00	258.5	9.4	92.94		
23.50	257.2	8.0	92.81		
24.00	258.1	9.0	92.64		
24.50	257.0	7.8	92.47		
25.00	259.1	10	92.31		
25.50	257.7	8.6	92.11		
26.00	256.6	7.5	91.93		
26.50	254.0	4.9	91.74		
27.00	257.6	8.4	91.56		
27.50	255.3	6.1	91.46		
28.00	255.1	6.0	91.30		
28.50	255.6	6.4	91.14		
29.00	256.4	7.2	91.04		
29.50	257.9	8.7	90.93		
30.00	255.2	6.0	90.82		
30.50	257.9	8.8	90.75		
31.00	257.2	8.1	90.69		
31.50	259.7	10.5	90.57		
32.00	258.4	9.2	90.52		
32.50	256.7	7.5	90.40		
33.00	257.9	8.8	90.33		
33.50	259.3	10.1	90.26		
34.00	263.3	14.1	90.15		
34.50	259.5	10.4	90.09		
35.00	259.0	9.8	90.01		
35.50	258.6	9.5	89.93		
36.00	258.4	9.2	89.84		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11338 DST#1 Rietzke #1 Thoroughbred Associates, LLC

DATE: 08/27/98 TIME: 05:28:21

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6	
36.50	259.9	10.8	89.78			
37.00	260.3	11.1	89.68			
37.50	260.7	11.6	89.61			
38.00	259.9	10.8	89.53			
38.50	261.3	12.2	89.45			
39.00	259.2	10.1	89.35			
39.50	261.1	12.0	89.26			
40.00	259.7	10.6	89.17			
40.50	260.5	11.4	89.10			
41.00	261.0	11.9	88.99			
41.50	261.5	12.4	88.95			
42.00	261.5	12.4	88.91			
42.50	260.9	11.8	88.82			
43.00	259.6	10.5	88.72			
43.50	260.5	11.4	88.66			
44.00	260.4	11.3	88.58			
44.50	261.7	12.6	88.53			
45.00	263.0	13.9	88.44			
45.50	261.1	11.9	88.36			
46.00	261.1	12.0	88.27			
46.50	260.9	11.7	88.18			
47.00	262.0	12.9	88.08			
47.50	262.1	13.0	87.98			
48.00	262.1	13.0	87.91			
48.50	262.2	13.1	87.81			
49.00	261.5	12.4	87.73			
49.50	262.4	13.2	87.64			
50.00	262.0	12.9	87.56			
50.50	265.7	16.5	87.49			
51.00	261.8	12.6	87.41			
51.50	263.0	13.9	87.32			
52.00	264.1	14.9	87.25			
52.50	263.3	14.1	87.18			
53.00	263.3	14.2	87.10			
53.50	265.1	16.0	87.02			
54.00	264.8	15.7	86.94			
54.50	266.1	17.0	86.89			
55.00	264.2	15.1	86.81			
55.50	263.8	14.7	86.74			
56.00	265.6	16.5	86.65			
56.50	264.0	14.9	86.58			
***** End Flow 2						
***** Start Shutin 2	0.00	264.0	0.0	86.58	0.0000	0.070
	0.50	851.9	587.9	86.46	174.0000	0.726
	1.00	1221.1	957.1	86.44	87.5000	1.491
	1.50	1364.7	1100.7	86.43	58.6667	1.862
	2.00	1429.9	1165.9	86.46	44.2500	2.045
	2.50	1467.2	1203.2	86.75	35.6000	2.153
	3.00	1491.9	1227.9	87.14	29.8333	2.226
	3.50	1509.8	1245.8	87.59	25.7143	2.280
	4.00	1523.6	1259.6	88.05	22.6250	2.321
	4.50	1534.6	1270.6	88.54	20.2222	2.355

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11338 DST#1 Rietzke #1 Thoroughbred Associates, LLC

DATE: 08/27/98

TIME: 05:28:21

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
5.00	1543.7	1279.7	88.96	18.3000	2.383
5.50	1551.4	1287.4	89.41	16.7273	2.407
6.00	1558.0	1294.0	89.81	15.4167	2.427
6.50	1563.9	1299.9	90.19	14.3077	2.446
7.00	1569.1	1305.1	90.54	13.3571	2.462
7.50	1573.7	1309.7	90.86	12.5333	2.476
8.00	1577.9	1313.9	91.16	11.8125	2.490
8.50	1581.7	1317.7	91.46	11.1765	2.502
9.00	1585.2	1321.2	91.63	10.6111	2.513
9.50	1588.5	1324.5	91.84	10.1053	2.523
10.00	1591.5	1327.5	92.01	9.6500	2.533
10.50	1594.4	1330.3	92.19	9.2381	2.542
11.00	1597.0	1333.0	92.33	8.8636	2.550
11.50	1599.4	1335.4	92.47	8.5217	2.558
12.00	1601.7	1337.7	92.57	8.2083	2.566
12.50	1603.9	1339.9	92.66	7.9200	2.573
13.00	1606.0	1342.0	92.73	7.6538	2.579
13.50	1607.9	1343.9	92.78	7.4074	2.585
14.00	1609.8	1345.8	92.80	7.1786	2.592
14.50	1611.6	1347.6	92.78	6.9655	2.597
15.00	1613.3	1349.3	92.75	6.7667	2.603
15.50	1614.9	1350.9	92.73	6.5806	2.608
16.00	1616.4	1352.4	92.69	6.4062	2.613
16.50	1617.9	1353.9	92.62	6.2424	2.618
17.00	1619.3	1355.3	92.58	6.0882	2.622
17.50	1620.7	1356.7	92.51	5.9429	2.627
18.00	1622.0	1358.0	92.44	5.8056	2.631
18.50	1623.3	1359.2	92.37	5.6757	2.635
19.00	1624.4	1360.4	92.30	5.5526	2.639
19.50	1625.6	1361.6	92.22	5.4359	2.643
20.00	1626.8	1362.8	92.15	5.3250	2.646
20.50	1627.9	1363.9	92.07	5.2195	2.650
21.00	1628.9	1364.9	92.00	5.1190	2.653
21.50	1629.9	1365.9	91.92	5.0233	2.657
22.00	1630.9	1366.9	91.84	4.9318	2.660
22.50	1631.9	1367.9	91.77	4.8444	2.663
23.00	1632.8	1368.8	91.72	4.7609	2.666
23.50	1633.7	1369.7	91.65	4.6809	2.669
24.00	1634.5	1370.5	91.60	4.6042	2.672
24.50	1635.4	1371.4	91.53	4.5306	2.675
25.00	1636.2	1372.2	91.47	4.4600	2.677
25.50	1637.1	1373.0	91.46	4.3922	2.680
26.00	1637.9	1373.8	91.46	4.3269	2.683
26.50	1638.6	1374.6	91.39	4.2642	2.685
27.00	1639.3	1375.3	91.32	4.2037	2.687
27.50	1640.1	1376.1	91.29	4.1455	2.690
28.00	1640.8	1376.8	91.26	4.0893	2.692
28.50	1641.4	1377.4	91.23	4.0351	2.694
29.00	1642.1	1378.1	91.19	3.9828	2.696
29.50	1642.7	1378.7	91.16	3.9322	2.699
30.00	1643.4	1379.4	91.13	3.8833	2.701

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11338 DST#1 Rietzke #1 Thoroughbred Associates, LLC

DATE: 08/27/98 TIME: 05:28:21

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
30.50	1644.0	1380.0	91.09	3.8361	2.703
31.00	1644.6	1380.6	91.07	3.7903	2.705
31.50	1645.2	1381.2	91.06	3.7460	2.707
32.00	1645.8	1381.8	91.04	3.7031	2.709
32.50	1646.3	1382.3	91.04	3.6615	2.710
33.00	1646.9	1382.9	91.02	3.6212	2.712
33.50	1647.4	1383.4	91.00	3.5821	2.714
34.00	1647.9	1383.9	90.99	3.5441	2.716
34.50	1648.4	1384.4	91.00	3.5072	2.717
35.00	1648.9	1384.9	90.97	3.4714	2.719
35.50	1649.4	1385.4	90.98	3.4366	2.721
36.00	1649.9	1385.9	90.97	3.4028	2.722
36.50	1650.4	1386.4	90.97	3.3699	2.724
37.00	1650.8	1386.8	90.96	3.3378	2.725
37.50	1651.3	1387.3	90.97	3.3067	2.727
38.00	1651.8	1387.7	90.99	3.2763	2.728
38.50	1652.2	1388.2	90.97	3.2468	2.730
39.00	1652.6	1388.6	90.99	3.2179	2.731
39.50	1653.0	1389.0	91.00	3.1899	2.732
40.00	1653.4	1389.4	91.00	3.1625	2.734
40.50	1653.8	1389.8	91.02	3.1358	2.735
41.00	1654.2	1390.2	91.03	3.1098	2.736
41.50	1654.6	1390.6	91.04	3.0843	2.738
42.00	1655.0	1391.0	91.06	3.0595	2.739
42.50	1655.3	1391.3	91.07	3.0353	2.740
43.00	1655.7	1391.7	91.09	3.0116	2.741
43.50	1656.1	1392.1	91.09	2.9885	2.743
44.00	1656.4	1392.4	91.12	2.9659	2.744
44.50	1656.8	1392.8	91.14	2.9438	2.745
45.00	1657.1	1393.1	91.18	2.9222	2.746
45.50	1657.5	1393.5	91.17	2.9011	2.747
46.00	1657.8	1393.8	91.18	2.8804	2.748
46.50	1658.1	1394.1	91.23	2.8602	2.749
47.00	1658.4	1394.4	91.25	2.8404	2.750
47.50	1658.7	1394.7	91.28	2.8211	2.751
48.00	1659.0	1395.0	91.32	2.8021	2.752
48.50	1659.3	1395.3	91.33	2.7835	2.753
49.00	1659.6	1395.6	91.39	2.7653	2.754
49.50	1659.9	1395.9	91.42	2.7475	2.755
50.00	1660.2	1396.2	91.46	2.7300	2.756
50.50	1660.4	1396.4	91.46	2.7129	2.757
51.00	1660.7	1396.7	91.46	2.6961	2.758
51.50	1661.0	1397.0	91.46	2.6796	2.759
52.00	1661.2	1397.2	91.46	2.6635	2.760
52.50	1661.5	1397.5	91.51	2.6476	2.761
53.00	1661.8	1397.8	91.54	2.6321	2.761
53.50	1662.0	1398.0	91.59	2.6168	2.762
54.00	1662.2	1398.2	91.63	2.6019	2.763
54.50	1662.5	1398.5	91.66	2.5872	2.764
55.00	1662.7	1398.7	91.70	2.5727	2.765
55.50	1663.0	1399.0	91.73	2.5586	2.766

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11338 DST#1 Rietzke #1 Thoroughbred Associates, LLC

DATE: 08/27/98

TIME: 05:28:21

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
56.00	1663.2	1399.2	91.77	2.5446	2.766
56.50	1663.4	1399.4	91.79	2.5310	2.767
57.00	1663.7	1399.7	91.83	2.5175	2.768
57.50	1663.9	1399.9	91.86	2.5043	2.769
58.00	1664.1	1400.1	91.90	2.4914	2.769
58.50	1664.3	1400.3	91.93	2.4786	2.770
59.00	1664.5	1400.5	91.96	2.4661	2.771
59.50	1664.8	1400.8	92.00	2.4538	2.772
60.00	1665.0	1401.0	92.03	2.4417	2.772
60.50	1665.2	1401.2	92.08	2.4298	2.773
61.00	1665.4	1401.4	92.12	2.4180	2.774
61.50	1665.6	1401.6	92.15	2.4065	2.774
62.00	1665.8	1401.8	92.19	2.3952	2.775
62.50	1666.0	1402.0	92.21	2.3840	2.776
63.00	1666.2	1402.1	92.26	2.3730	2.776
63.50	1666.4	1402.3	92.30	2.3622	2.777
64.00	1666.6	1402.6	92.33	2.3516	2.777
64.50	1666.7	1402.7	92.38	2.3411	2.778
65.00	1666.9	1402.9	92.42	2.3308	2.779
65.50	1667.1	1403.1	92.44	2.3206	2.779
66.00	1667.3	1403.2	92.49	2.3106	2.780
66.50	1667.5	1403.4	92.52	2.3008	2.780
67.00	1667.6	1403.6	92.56	2.2910	2.781
67.50	1667.8	1403.8	92.61	2.2815	2.782
68.00	1668.0	1403.9	92.62	2.2721	2.782
68.50	1668.1	1404.1	92.67	2.2628	2.783
69.00	1668.3	1404.3	92.73	2.2536	2.783
69.50	1668.5	1404.5	92.76	2.2446	2.784
70.00	1668.6	1404.6	92.80	2.2357	2.784
70.50	1668.8	1404.8	92.84	2.2270	2.785
71.00	1668.9	1404.9	92.89	2.2183	2.785
71.50	1669.1	1405.1	92.91	2.2098	2.786
72.00	1669.2	1405.2	92.96	2.2014	2.786
72.50	1669.4	1405.4	92.99	2.1931	2.787
73.00	1669.5	1405.5	93.03	2.1849	2.787
73.50	1669.7	1405.7	93.10	2.1769	2.788
74.00	1669.8	1405.8	93.10	2.1689	2.788
74.50	1670.0	1406.0	93.13	2.1611	2.789
75.00	1670.1	1406.1	93.18	2.1533	2.789
75.50	1670.2	1406.2	93.23	2.1457	2.790
76.00	1670.4	1406.4	93.27	2.1382	2.790
76.50	1670.5	1406.5	93.31	2.1307	2.791
77.00	1670.6	1406.6	93.35	2.1234	2.791
77.50	1670.8	1406.8	93.38	2.1161	2.792
78.00	1670.9	1406.9	93.43	2.1090	2.792
78.50	1671.0	1407.0	93.47	2.1019	2.792
79.00	1671.2	1407.2	93.50	2.0949	2.793
79.50	1671.3	1407.3	93.54	2.0881	2.793
80.00	1671.4	1407.4	93.58	2.0812	2.794
80.50	1671.5	1407.5	93.61	2.0745	2.794
81.00	1671.7	1407.7	93.67	2.0679	2.795

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11338 DST#1 Rietzke #1 Thoroughbred Associates, LLC

DATE: 08/27/98 TIME: 05:28:21

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	81.50	1671.8	1407.8	93.71	2.0613	2.795
	82.00	1671.9	1407.9	93.75	2.0549	2.795
	82.50	1672.0	1408.0	93.78	2.0485	2.796
	83.00	1672.2	1408.2	93.81	2.0422	2.796
	83.50	1672.3	1408.3	93.86	2.0359	2.797
	84.00	1672.4	1408.4	93.92	2.0298	2.797
	84.50	1672.5	1408.5	93.97	2.0237	2.797
	85.00	1672.6	1408.6	93.97	2.0176	2.798
	85.50	1672.7	1408.7	93.97	2.0117	2.798
	86.00	1672.8	1408.8	93.99	2.0058	2.798
	86.50	1672.9	1408.9	94.05	2.0000	2.799
	87.00	1673.0	1409.0	94.10	1.9943	2.799
	87.50	1673.1	1409.1	94.13	1.9886	2.799
	88.00	1673.2	1409.2	94.18	1.9830	2.800
	88.50	1673.3	1409.3	94.22	1.9774	2.800
***** End Shut-in 2	89.00	1673.4	1409.4	94.24	1.9719	2.800
***** Final Hydro.	366.00	2079.2	0.0	99.23		

TRILOBITE TESTING L.L.C.

OPERATOR : Thoroughbred Assoc.,LLC. DATE 8-29-98
 WELL NAME: Rietzke#1 KB 1974.00 ft TICKET NO: 11339 DST #2
 LOCATION : 21-32s-19w Comanche co.KS GR 1969.00 ft FORMATION: miss
 INTERVAL : 4985.00 To 5090.00 ft TD 5090.00 ft TEST TYPE: CONV.

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	11085	11085	3027			PF Fr. 1305 to 1335 hr
SI 60	Range(Psi)	4300.0	4300.0	4995.0	0.0	0.0	IS Fr. 1335 to 1435 hr
SF 60	Clock(hrs)	12hr	12hr	elec			SF Fr. 1435 to 1535 hr
FS 90	Depth(ft)	4993.0	4993.0	5001.0	0.0	0.0	FS Fr. 1535 to 1705 hr

	Field	1	2	3	4	
A. Init Hydro	2413.0	2450.0	2416.0	0.0	0.0	T STARTED 1047 hr
B. First Flow	385.0	393.0	343.0	0.0	0.0	T ON BOTM 1432 hr
B1. Final Flow	352.0	348.0	304.0	0.0	0.0	T OPEN 1435 hr
C. In Shut-in	1722.0	1725.0	1746.0	0.0	0.0	T PULLED 1705 hr
D. Init Flow	385.0	372.0	319.0	0.0	0.0	T OUT 1907 hr
E. Final Flow	308.0	335.0	278.0	0.0	0.0	
F. Fl Shut-in	1722.0	1713.0	1739.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2370.0	2367.0	2353.0	0.0	0.0	Tool Wt. 2200.00 lbs
Inside/Outside	o	o	i			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 110000.00 lbs
						Initial Str Wt 66000.00 lbs
						Unseated Str Wt 68000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 240.00 ft
						D.P. Length 4732.00 ft

RECOVERY

Tot Fluid 390.00 ft of 240.00 ft in DC and 150.00 ft in DP
 150.00 ft of gas cut mud 15%gas 85%mud
 240.00 ft of gas cut mud 30%gas 70%mud
 0.00 ft of
 0.00 ft of

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

BLOW DESCRIPTION

Initial Flow:
 Strong blow gas to surface in 4 mins.
 Final Flow:
 Gas to surface

MUD DATA-----

Mud Type chemical
 Weight 9.10 lb/c
 Vis. 51.00 S/L
 W.L. 8.80 in3
 F.C. 0.00 in
 Mud Drop

Amt. of fill 0.00 ft
 Btm. H. Temp. 114.00 F
 Hole Condition good
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out
 Tool Chased N
 Tester Ray Schwager
 Co. Rep. Paul Gunzelman
 Contr. Pickrell Drlg.
 Rig # 1
 Unit #
 Pump T.

SAMPLES:
 SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONV.

WELL NAME: Rietzke#1

LOCATION : 21-32s-19w Comanche co.KS

TICKET No. 11339 D.S.T. No. 2 DATE 8-29-98

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 44

TOTAL TOOL 66

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands 1 Single Total 61

TOTAL ASSEMBLY 127

D.C. ABOVE TOOLS.Stands4 Single Total 240

D.P. ABOVE TOOLS.Stands77 Single 1 Total 4732

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5099

TOTAL DEPTH 5090

TOTAL DRILL PIPE ABOVE K.B. 9

REMARKS:

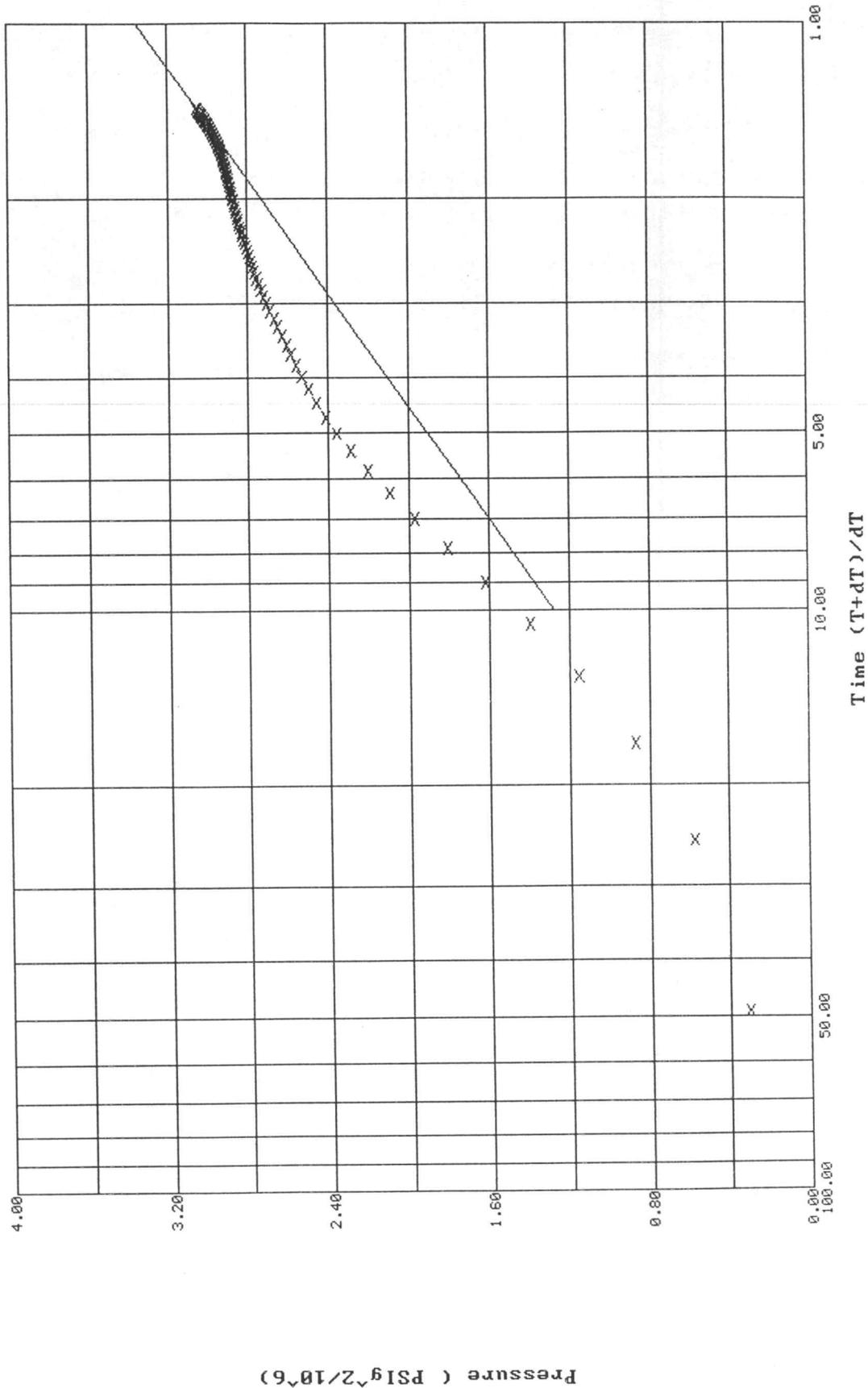
P.O. SUB	4840
C.O. SUB	4961
S.I. TOOL	4965
HMV	4972
JARS	
SAFETY JOINT	4977
PACKER	4980
PACKER	4985
DEPTH	
STUBB	4986
ANCHOR 4'perf	4990
1' "	4991
3' "	4994
62'drlg. pipe	5056
Alpine@5001	
AK-1 @4993	
5056	
T.C.	
DEPTH	
5'perf	5061
5' "	5066
5'perf	5071
5' "	5076
5' "	5081
4' "	5086
2' "	5088
BULLNOSE 2'bullplug	5090
T.D.	5090

P² Horner Plot: shut-in #1

11339 DST#2 Rietzke#1 Thoroughbred Associates, LLC

Slope: 2.0751 PSig²/10⁶/cycle

Ext. Pressure: 1831.4681 PSig

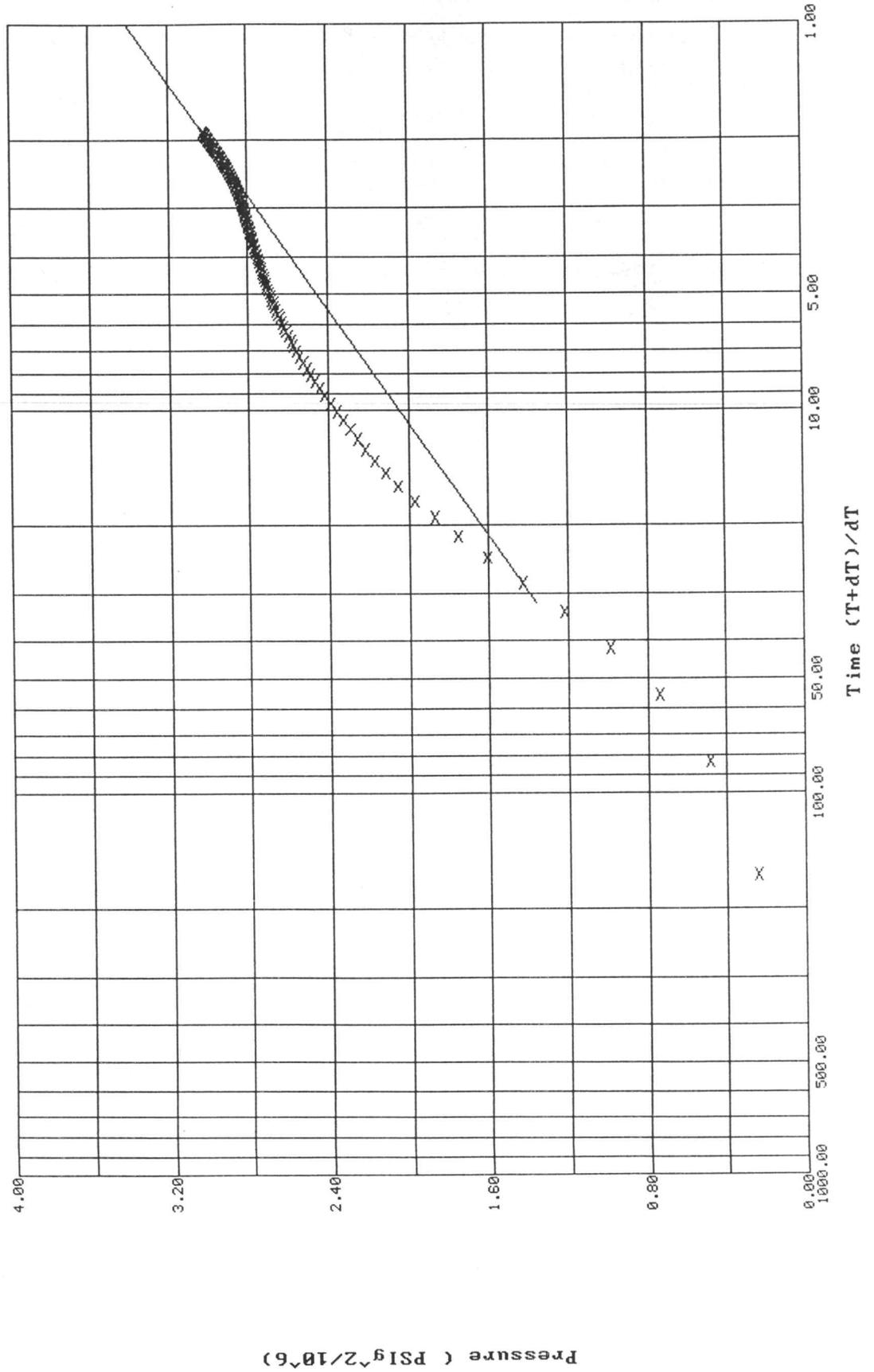


P² Horner Plot: shut-in #2

11339 DST#2 Rietzke#1 Thoroughbred Associates, LLC

Slope: 1.3639 $\text{PSI}^2/10^6/\text{cycle}$

Ext. Pressure: 1845.3250 PSI^2

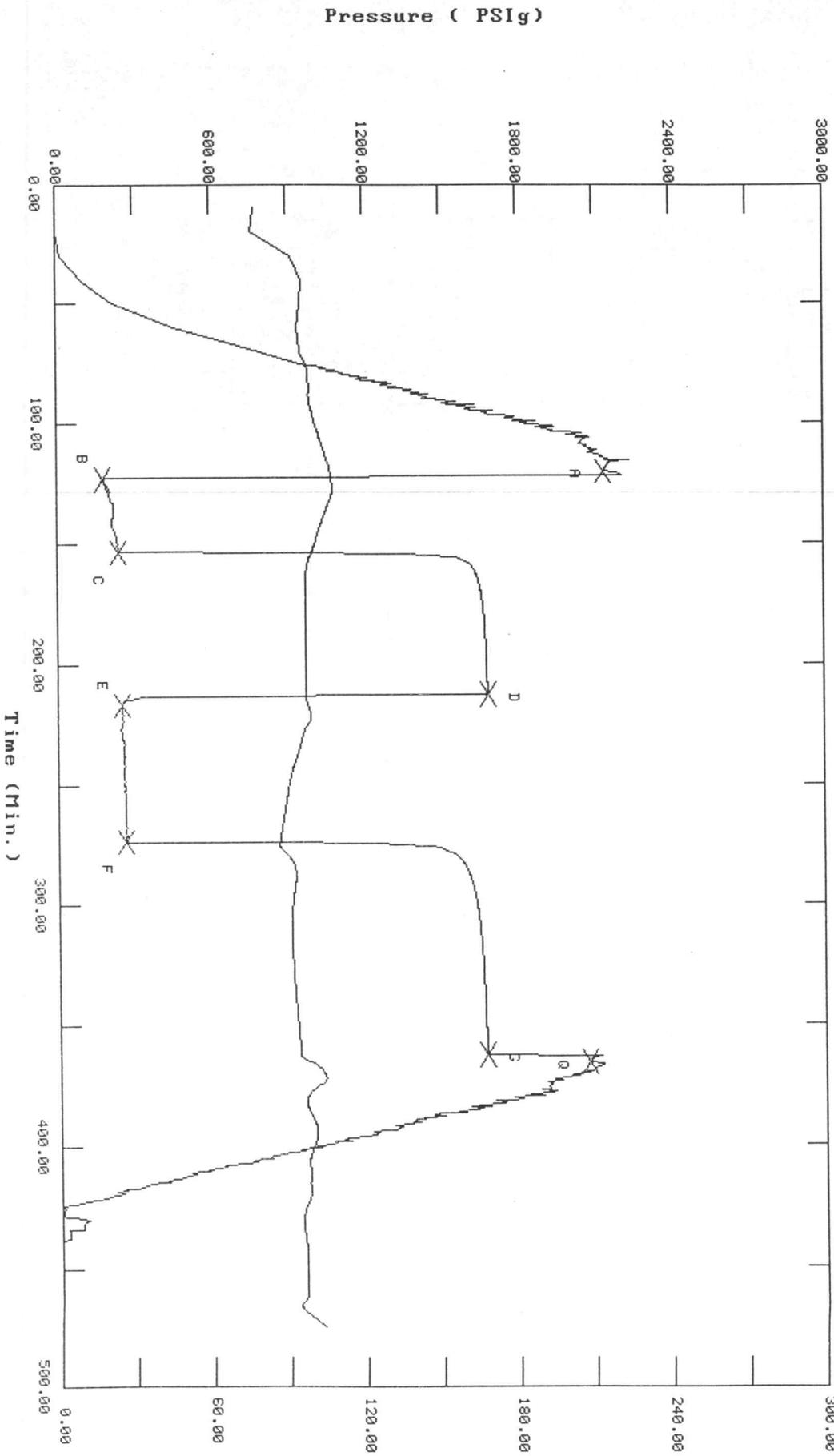


TEST HISTORY

11338 DST#1 Rietzke #1 Thoroughbred Associates, LLC

Flag Points

t(Min.)	P(PSig)
R: 0.00	2143.36
B: 0.00	178.47
C: 30.00	240.77
D: 59.50	1683.45
E: 0.00	249.12
F: 56.50	264.00
G: 89.00	1673.44
Q: 0.00	2079.23

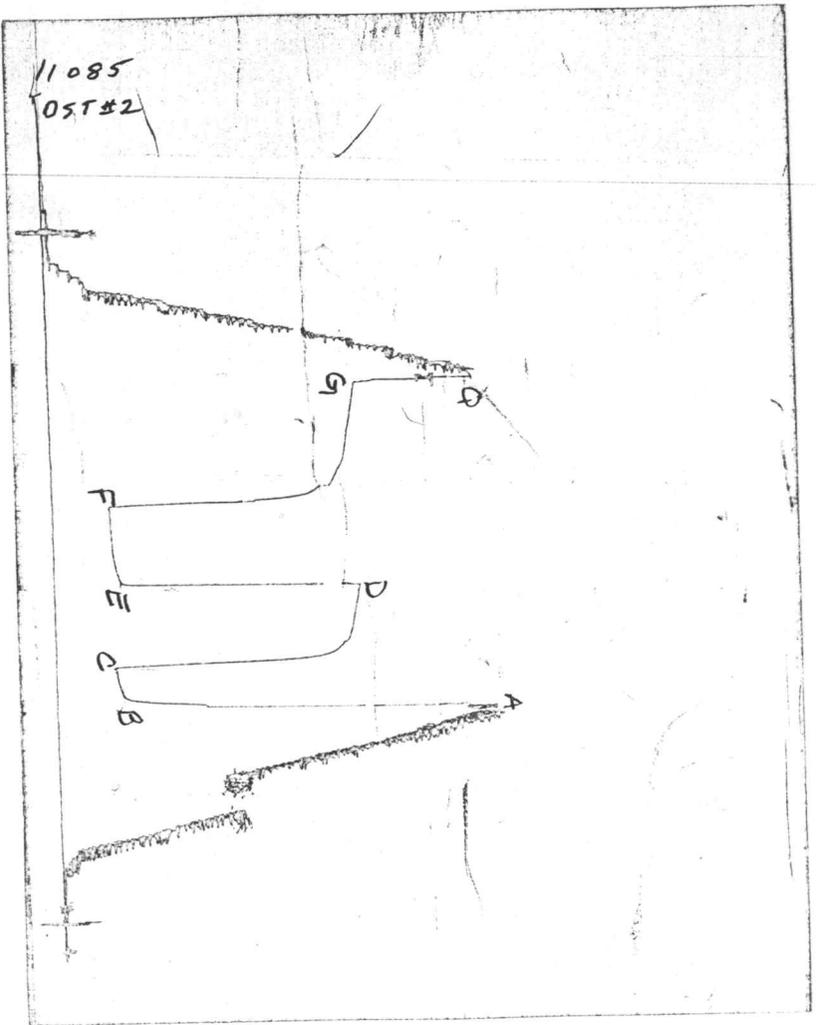


Temperature (DEG F)

Pressure (PSig)

Time (Min.)

CHART PAGE



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

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11338 DST#1 Rietzke #1 Thoroughbred Associates, LLC

DATE: 08/27/98 TIME: 05:28:21

	Time	Pressure PSI _g	delta P PSI _g	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	120.50	2143.4	0.0	106.98		
***** Start Flow 1	0.00	178.5	0.0	107.52		
	0.50	180.8	2.4	107.56		
	1.00	181.8	3.3	107.58		
	1.50	185.4	7.0	107.63		
	2.00	185.2	6.7	107.69		
	2.50	187.1	8.7	107.76		
	3.00	191.6	13.1	107.81		
	3.50	192.0	13.5	107.87		
	4.00	193.4	15.0	107.85		
	4.50	193.5	15.1	107.86		
	5.00	196.7	18.2	107.80		
	5.50	200.1	21.7	107.73		
	6.00	200.2	21.7	107.64		
	6.50	204.6	26.1	107.51		
	7.00	203.5	25.0	107.37		
	7.50	205.5	27.1	107.21		
	8.00	206.5	28.0	107.03		
	8.50	208.8	30.3	106.83		
	9.00	208.0	29.5	106.63		
	9.50	219.2	40.8	106.43		
	10.00	219.1	40.6	106.39		
	10.50	220.1	41.6	106.10		
	11.00	222.2	43.8	105.92		
	11.50	221.9	43.4	105.74		
	12.00	219.0	40.6	105.59		
	12.50	222.6	44.1	105.41		
	13.00	219.9	41.5	105.25		
	13.50	220.3	41.9	105.07		
	14.00	218.6	40.1	104.90		
	14.50	218.3	39.8	104.70		
	15.00	220.7	42.3	104.53		
	15.50	217.1	38.7	104.36		
	16.00	215.2	36.7	104.17		
	16.50	215.3	36.8	103.96		
	17.00	216.0	37.6	103.85		
	17.50	214.7	36.2	103.67		
	18.00	214.3	35.8	103.49		
	18.50	215.7	37.2	103.29		
	19.00	212.8	34.4	103.11		
	19.50	215.8	37.3	102.94		
	20.00	217.6	39.1	102.77		
	20.50	218.2	39.7	102.62		
	21.00	220.1	41.6	102.46		
	21.50	223.3	44.8	102.30		
	22.00	225.2	46.8	102.14		
	22.50	223.7	45.3	101.99		
	23.00	227.2	48.7	101.83		
	23.50	229.8	51.3	101.69		
	24.00	229.4	50.9	101.51		
	24.50	231.2	52.7	101.46		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11338 DST#1 Rietzke #1 Thoroughbred Associates, LLC

DATE: 08/27/98 TIME: 05:28:21

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	25.00	229.7	51.2	101.30		
	25.50	233.4	54.9	101.16		
	26.00	231.7	53.2	101.01		
	26.50	235.3	56.8	100.86		
	27.00	234.3	55.8	100.69		
	27.50	238.1	59.6	100.53		
	28.00	238.8	60.3	100.36		
	28.50	240.6	62.1	100.23		
	29.00	241.6	63.1	100.07		
	29.50	239.1	60.6	99.94		
***** End Flow 1	30.00	240.8	62.3	99.78		
***** Start Shutin 1	0.00	240.8	0.0	99.78	0.0000	0.058
	0.50	903.9	663.1	99.52	61.0000	0.817
	1.00	1345.0	1104.2	99.23	31.0000	1.809
	1.50	1475.8	1235.0	98.97	21.0000	2.178
	2.00	1527.4	1286.6	98.72	16.0000	2.333
	2.50	1557.2	1316.4	98.51	13.0000	2.425
	3.00	1576.6	1335.8	98.31	11.0000	2.486
	3.50	1590.0	1349.2	98.15	9.5714	2.528
	4.00	1600.0	1359.2	97.99	8.5000	2.560
	4.50	1607.7	1366.9	97.88	7.6667	2.585
	5.00	1613.9	1373.1	97.76	7.0000	2.605
	5.50	1619.1	1378.3	97.67	6.4545	2.621
	6.00	1623.4	1382.6	97.61	6.0000	2.635
	6.50	1627.1	1386.4	97.52	5.6154	2.648
	7.00	1630.4	1389.7	97.46	5.2857	2.658
	7.50	1633.3	1392.6	97.41	5.0000	2.668
	8.00	1636.0	1395.2	97.39	4.7500	2.676
	8.50	1638.3	1397.5	97.34	4.5294	2.684
	9.00	1640.5	1399.7	97.30	4.3333	2.691
	9.50	1642.4	1401.6	97.26	4.1579	2.698
	10.00	1644.2	1403.5	97.24	4.0000	2.704
	10.50	1645.9	1405.1	97.21	3.8571	2.709
	11.00	1647.5	1406.7	97.20	3.7273	2.714
	11.50	1648.9	1408.1	97.17	3.6087	2.719
	12.00	1650.2	1409.5	97.16	3.5000	2.723
	12.50	1651.5	1410.7	97.14	3.4000	2.727
	13.00	1652.7	1411.9	97.13	3.3077	2.731
	13.50	1653.8	1413.0	97.11	3.2222	2.735
	14.00	1654.9	1414.1	97.11	3.1429	2.739
	14.50	1655.9	1415.1	97.09	3.0690	2.742
	15.00	1656.9	1416.1	97.10	3.0000	2.745
	15.50	1657.8	1417.0	97.08	2.9355	2.748
	16.00	1658.7	1417.9	97.07	2.8750	2.751
	16.50	1659.5	1418.7	97.07	2.8182	2.754
	17.00	1660.3	1419.5	97.06	2.7647	2.757
	17.50	1661.1	1420.3	97.06	2.7143	2.759
	18.00	1661.8	1421.0	97.04	2.6667	2.762
	18.50	1662.5	1421.8	97.06	2.6216	2.764
	19.00	1663.2	1422.4	97.04	2.5789	2.766
	19.50	1663.8	1423.1	97.05	2.5385	2.768

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11338 DST#1 Rietzke #1 Thoroughbred Associates, LLC

DATE: 08/27/98

TIME: 05:28:21

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
20.00	1664.4	1423.7	97.06	2.5000	2.770
20.50	1665.0	1424.3	97.03	2.4634	2.772
21.00	1665.6	1424.9	97.02	2.4286	2.774
21.50	1666.2	1425.4	97.03	2.3953	2.776
22.00	1666.7	1426.0	97.04	2.3636	2.778
22.50	1667.3	1426.5	97.04	2.3333	2.780
23.00	1667.8	1427.0	97.03	2.3043	2.781
23.50	1668.3	1427.5	97.03	2.2766	2.783
24.00	1668.7	1428.0	97.02	2.2500	2.785
24.50	1669.2	1428.4	97.02	2.2245	2.786
25.00	1669.6	1428.8	97.02	2.2000	2.788
25.50	1670.0	1429.2	97.01	2.1765	2.789
26.00	1670.4	1429.7	97.02	2.1538	2.790
26.50	1670.8	1430.1	97.00	2.1321	2.792
27.00	1671.2	1430.4	97.02	2.1111	2.793
27.50	1671.6	1430.8	97.02	2.0909	2.794
28.00	1672.0	1431.2	97.02	2.0714	2.795
28.50	1672.3	1431.5	97.01	2.0526	2.797
29.00	1672.7	1431.9	97.02	2.0345	2.798
29.50	1673.0	1432.2	97.03	2.0169	2.799
30.00	1673.3	1432.5	97.02	2.0000	2.800
30.50	1673.6	1432.9	97.02	1.9836	2.801
31.00	1673.9	1433.2	97.02	1.9677	2.802
31.50	1674.3	1433.5	97.02	1.9524	2.803
32.00	1674.5	1433.8	97.02	1.9375	2.804
32.50	1674.8	1434.1	97.03	1.9231	2.805
33.00	1675.1	1434.3	97.03	1.9091	2.806
33.50	1675.4	1434.6	97.04	1.8955	2.807
34.00	1675.6	1434.8	97.03	1.8824	2.808
34.50	1675.9	1435.1	97.02	1.8696	2.809
35.00	1676.1	1435.4	97.02	1.8571	2.809
35.50	1676.4	1435.6	97.03	1.8451	2.810
36.00	1676.6	1435.9	97.04	1.8333	2.811
36.50	1676.9	1436.1	97.04	1.8219	2.812
37.00	1677.1	1436.3	97.05	1.8108	2.813
37.50	1677.3	1436.5	97.02	1.8000	2.813
38.00	1677.5	1436.8	97.04	1.7895	2.814
38.50	1677.8	1437.0	97.05	1.7792	2.815
39.00	1677.9	1437.2	97.06	1.7692	2.816
39.50	1678.2	1437.4	97.06	1.7595	2.816
40.00	1678.3	1437.6	97.05	1.7500	2.817
40.50	1678.5	1437.8	97.04	1.7407	2.818
41.00	1678.8	1438.0	97.06	1.7317	2.818
41.50	1678.9	1438.2	97.05	1.7229	2.819
42.00	1679.1	1438.4	97.06	1.7143	2.819
42.50	1679.3	1438.5	97.06	1.7059	2.820
43.00	1679.5	1438.7	97.06	1.6977	2.821
43.50	1679.7	1438.9	97.06	1.6897	2.821
44.00	1679.8	1439.1	97.07	1.6818	2.822
44.50	1680.0	1439.3	97.07	1.6742	2.822
45.00	1680.2	1439.4	97.08	1.6667	2.823

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
 TEST: 11338 DST#1 Rietzke #1 Thoroughbred Associates, LLC
 DATE: 08/27/98 TIME: 05:28:21

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	45.50	1680.4	1439.6	97.07	1.6593	2.824
	46.00	1680.5	1439.7	97.07	1.6522	2.824
	46.50	1680.6	1439.9	97.09	1.6452	2.825
	47.00	1680.8	1440.0	97.10	1.6383	2.825
	47.50	1681.0	1440.2	97.10	1.6316	2.826
	48.00	1681.1	1440.3	97.11	1.6250	2.826
	48.50	1681.2	1440.5	97.11	1.6186	2.827
	49.00	1681.4	1440.6	97.11	1.6122	2.827
	49.50	1681.6	1440.8	97.11	1.6061	2.828
	50.00	1681.7	1440.9	97.13	1.6000	2.828
	50.50	1681.8	1441.0	97.13	1.5941	2.828
	51.00	1682.0	1441.2	97.14	1.5882	2.829
	51.50	1682.1	1441.3	97.13	1.5825	2.829
	52.00	1682.3	1441.5	97.14	1.5769	2.830
	52.50	1682.4	1441.6	97.14	1.5714	2.830
	53.00	1682.5	1441.7	97.16	1.5660	2.831
	53.50	1682.6	1441.8	97.16	1.5607	2.831
	54.00	1682.7	1441.9	97.18	1.5556	2.832
	54.50	1682.9	1442.1	97.17	1.5505	2.832
	55.00	1682.9	1442.2	97.18	1.5455	2.832
	55.50	1683.0	1442.3	97.19	1.5405	2.833
	56.00	1683.2	1442.4	97.18	1.5357	2.833
	56.50	1683.3	1442.5	97.20	1.5310	2.833
	57.00	1683.4	1442.6	97.20	1.5263	2.834
	57.50	1683.5	1442.7	97.20	1.5217	2.834
	58.00	1683.6	1442.8	97.21	1.5172	2.835
	58.50	1683.7	1442.9	97.23	1.5128	2.835
	59.00	1683.8	1443.0	97.23	1.5085	2.835
***** End Shut-in 1	59.50	1683.5	1442.7	97.24	1.5042	2.834
***** Start Flow 2	0.00	249.1	0.0	97.82		
	0.50	249.0	-0.1	97.99		
	1.00	250.6	1.5	98.15		
	1.50	249.3	0.1	98.31		
	2.00	250.2	1.1	98.44		
	2.50	250.4	1.3	98.56		
	3.00	252.0	2.9	98.67		
	3.50	250.6	1.4	98.72		
	4.00	253.0	3.8	98.79		
	4.50	252.1	3.0	98.83		
	5.00	250.7	1.6	98.84		
	5.50	252.4	3.2	98.84		
	6.00	250.8	1.7	98.79		
	6.50	253.1	4.0	98.67		
	7.00	251.6	2.4	98.46		
	7.50	252.2	3.1	98.23		
	8.00	248.1	-1	97.93		
	8.50	247.4	-1.7	97.63		
	9.00	247.4	-1.7	97.32		
	9.50	247.5	-1.6	97.03		
	10.00	245.8	-3.3	96.76		
	10.50	246.1	-3.0	96.49		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11338 DST#1 Rietzke #1 Thoroughbred Associates, LLC

DATE: 08/27/98

TIME: 05:28:21

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
11.00	247.5	-1.6	96.37		
11.50	248.7	-0.4	96.15		
12.00	250.9	1.8	95.99		
12.50	250.6	1.5	95.84		
13.00	251.2	2.1	95.71		
13.50	251.3	2.2	95.57		
14.00	252.8	3.7	95.45		
14.50	255.9	6.8	95.32		
15.00	256.7	7.5	95.20		
15.50	255.0	5.9	95.09		
16.00	259.3	10.2	94.97		
16.50	254.4	5.3	94.83		
17.00	257.2	8.1	94.70		
17.50	258.1	9.0	94.55		
18.00	256.4	7.2	94.41		
18.50	258.9	9.8	94.27		
19.00	256.9	7.7	94.11		
19.50	258.7	9.6	93.97		
20.00	257.5	8.4	93.85		
20.50	256.5	7.4	93.70		
21.00	258.1	9.0	93.54		
21.50	259.4	10.3	93.39		
22.00	258.6	9.5	93.24		
22.50	257.0	7.9	93.10		
23.00	258.5	9.4	92.94		
23.50	257.2	8.0	92.81		
24.00	258.1	9.0	92.64		
24.50	257.0	7.8	92.47		
25.00	259.1	10	92.31		
25.50	257.7	8.6	92.11		
26.00	256.6	7.5	91.93		
26.50	254.0	4.9	91.74		
27.00	257.6	8.4	91.56		
27.50	255.3	6.1	91.46		
28.00	255.1	6.0	91.30		
28.50	255.6	6.4	91.14		
29.00	256.4	7.2	91.04		
29.50	257.9	8.7	90.93		
30.00	255.2	6.0	90.82		
30.50	257.9	8.8	90.75		
31.00	257.2	8.1	90.69		
31.50	259.7	10.5	90.57		
32.00	258.4	9.2	90.52		
32.50	256.7	7.5	90.40		
33.00	257.9	8.8	90.33		
33.50	259.3	10.1	90.26		
34.00	263.3	14.1	90.15		
34.50	259.5	10.4	90.09		
35.00	259.0	9.8	90.01		
35.50	258.6	9.5	89.93		
36.00	258.4	9.2	89.84		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
 TEST: 11338 DST#1 Rietzke #1 Thoroughbred Associates, LLC
 DATE: 08/27/98 TIME: 05:28:21

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	36.50	259.9	10.8	89.78		
	37.00	260.3	11.1	89.68		
	37.50	260.7	11.6	89.61		
	38.00	259.9	10.8	89.53		
	38.50	261.3	12.2	89.45		
	39.00	259.2	10.1	89.35		
	39.50	261.1	12.0	89.26		
	40.00	259.7	10.6	89.17		
	40.50	260.5	11.4	89.10		
	41.00	261.0	11.9	88.99		
	41.50	261.5	12.4	88.95		
	42.00	261.5	12.4	88.91		
	42.50	260.9	11.8	88.82		
	43.00	259.6	10.5	88.72		
	43.50	260.5	11.4	88.66		
	44.00	260.4	11.3	88.58		
	44.50	261.7	12.6	88.53		
	45.00	263.0	13.9	88.44		
	45.50	261.1	11.9	88.36		
	46.00	261.1	12.0	88.27		
	46.50	260.9	11.7	88.18		
	47.00	262.0	12.9	88.08		
	47.50	262.1	13.0	87.98		
	48.00	262.1	13.0	87.91		
	48.50	262.2	13.1	87.81		
	49.00	261.5	12.4	87.73		
	49.50	262.4	13.2	87.64		
	50.00	262.0	12.9	87.56		
	50.50	265.7	16.5	87.49		
	51.00	261.8	12.6	87.41		
	51.50	263.0	13.9	87.32		
	52.00	264.1	14.9	87.25		
	52.50	263.3	14.1	87.18		
	53.00	263.3	14.2	87.10		
	53.50	265.1	16.0	87.02		
	54.00	264.8	15.7	86.94		
	54.50	266.1	17.0	86.89		
	55.00	264.2	15.1	86.81		
	55.50	263.8	14.7	86.74		
	56.00	265.6	16.5	86.65		
***** End Flow 2	56.50	264.0	14.9	86.58		
***** Start Shutin 2	0.00	264.0	0.0	86.58	0.0000	0.070
	0.50	851.9	587.9	86.46	174.0000	0.726
	1.00	1221.1	957.1	86.44	87.5000	1.491
	1.50	1364.7	1100.7	86.43	58.6667	1.862
	2.00	1429.9	1165.9	86.46	44.2500	2.045
	2.50	1467.2	1203.2	86.75	35.6000	2.153
	3.00	1491.9	1227.9	87.14	29.8333	2.226
	3.50	1509.8	1245.8	87.59	25.7143	2.280
	4.00	1523.6	1259.6	88.05	22.6250	2.321
	4.50	1534.6	1270.6	88.54	20.2222	2.355

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11338 DST#1 Rietzke #1 Thoroughbred Associates, LLC

DATE: 08/27/98

TIME: 05:28:21

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
5.00	1543.7	1279.7	88.96	18.3000	2.383
5.50	1551.4	1287.4	89.41	16.7273	2.407
6.00	1558.0	1294.0	89.81	15.4167	2.427
6.50	1563.9	1299.9	90.19	14.3077	2.446
7.00	1569.1	1305.1	90.54	13.3571	2.462
7.50	1573.7	1309.7	90.86	12.5333	2.476
8.00	1577.9	1313.9	91.16	11.8125	2.490
8.50	1581.7	1317.7	91.46	11.1765	2.502
9.00	1585.2	1321.2	91.63	10.6111	2.513
9.50	1588.5	1324.5	91.84	10.1053	2.523
10.00	1591.5	1327.5	92.01	9.6500	2.533
10.50	1594.4	1330.3	92.19	9.2381	2.542
11.00	1597.0	1333.0	92.33	8.8636	2.550
11.50	1599.4	1335.4	92.47	8.5217	2.558
12.00	1601.7	1337.7	92.57	8.2083	2.566
12.50	1603.9	1339.9	92.66	7.9200	2.573
13.00	1606.0	1342.0	92.73	7.6538	2.579
13.50	1607.9	1343.9	92.78	7.4074	2.585
14.00	1609.8	1345.8	92.80	7.1786	2.592
14.50	1611.6	1347.6	92.78	6.9655	2.597
15.00	1613.3	1349.3	92.75	6.7667	2.603
15.50	1614.9	1350.9	92.73	6.5806	2.608
16.00	1616.4	1352.4	92.69	6.4062	2.613
16.50	1617.9	1353.9	92.62	6.2424	2.618
17.00	1619.3	1355.3	92.58	6.0882	2.622
17.50	1620.7	1356.7	92.51	5.9429	2.627
18.00	1622.0	1358.0	92.44	5.8056	2.631
18.50	1623.3	1359.2	92.37	5.6757	2.635
19.00	1624.4	1360.4	92.30	5.5526	2.639
19.50	1625.6	1361.6	92.22	5.4359	2.643
20.00	1626.8	1362.8	92.15	5.3250	2.646
20.50	1627.9	1363.9	92.07	5.2195	2.650
21.00	1628.9	1364.9	92.00	5.1190	2.653
21.50	1629.9	1365.9	91.92	5.0233	2.657
22.00	1630.9	1366.9	91.84	4.9318	2.660
22.50	1631.9	1367.9	91.77	4.8444	2.663
23.00	1632.8	1368.8	91.72	4.7609	2.666
23.50	1633.7	1369.7	91.65	4.6809	2.669
24.00	1634.5	1370.5	91.60	4.6042	2.672
24.50	1635.4	1371.4	91.53	4.5306	2.675
25.00	1636.2	1372.2	91.47	4.4600	2.677
25.50	1637.1	1373.0	91.46	4.3922	2.680
26.00	1637.9	1373.8	91.46	4.3269	2.683
26.50	1638.6	1374.6	91.39	4.2642	2.685
27.00	1639.3	1375.3	91.32	4.2037	2.687
27.50	1640.1	1376.1	91.29	4.1455	2.690
28.00	1640.8	1376.8	91.26	4.0893	2.692
28.50	1641.4	1377.4	91.23	4.0351	2.694
29.00	1642.1	1378.1	91.19	3.9828	2.696
29.50	1642.7	1378.7	91.16	3.9322	2.699
30.00	1643.4	1379.4	91.13	3.8833	2.701

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
 TEST: 11338 DST#1 Rietzke #1 Thoroughbred Associates, LLC
 DATE: 08/27/98 TIME: 05:28:21

Time	Pressure PSI _g	delta P PSI _g	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
30.50	1644.0	1380.0	91.09	3.8361	2.703
31.00	1644.6	1380.6	91.07	3.7903	2.705
31.50	1645.2	1381.2	91.06	3.7460	2.707
32.00	1645.8	1381.8	91.04	3.7031	2.709
32.50	1646.3	1382.3	91.04	3.6615	2.710
33.00	1646.9	1382.9	91.02	3.6212	2.712
33.50	1647.4	1383.4	91.00	3.5821	2.714
34.00	1647.9	1383.9	90.99	3.5441	2.716
34.50	1648.4	1384.4	91.00	3.5072	2.717
35.00	1648.9	1384.9	90.97	3.4714	2.719
35.50	1649.4	1385.4	90.98	3.4366	2.721
36.00	1649.9	1385.9	90.97	3.4028	2.722
36.50	1650.4	1386.4	90.97	3.3699	2.724
37.00	1650.8	1386.8	90.96	3.3378	2.725
37.50	1651.3	1387.3	90.97	3.3067	2.727
38.00	1651.8	1387.7	90.99	3.2763	2.728
38.50	1652.2	1388.2	90.97	3.2468	2.730
39.00	1652.6	1388.6	90.99	3.2179	2.731
39.50	1653.0	1389.0	91.00	3.1899	2.732
40.00	1653.4	1389.4	91.00	3.1625	2.734
40.50	1653.8	1389.8	91.02	3.1358	2.735
41.00	1654.2	1390.2	91.03	3.1098	2.736
41.50	1654.6	1390.6	91.04	3.0843	2.738
42.00	1655.0	1391.0	91.06	3.0595	2.739
42.50	1655.3	1391.3	91.07	3.0353	2.740
43.00	1655.7	1391.7	91.09	3.0116	2.741
43.50	1656.1	1392.1	91.09	2.9885	2.743
44.00	1656.4	1392.4	91.12	2.9659	2.744
44.50	1656.8	1392.8	91.14	2.9438	2.745
45.00	1657.1	1393.1	91.18	2.9222	2.746
45.50	1657.5	1393.5	91.17	2.9011	2.747
46.00	1657.8	1393.8	91.18	2.8804	2.748
46.50	1658.1	1394.1	91.23	2.8602	2.749
47.00	1658.4	1394.4	91.25	2.8404	2.750
47.50	1658.7	1394.7	91.28	2.8211	2.751
48.00	1659.0	1395.0	91.32	2.8021	2.752
48.50	1659.3	1395.3	91.33	2.7835	2.753
49.00	1659.6	1395.6	91.39	2.7653	2.754
49.50	1659.9	1395.9	91.42	2.7475	2.755
50.00	1660.2	1396.2	91.46	2.7300	2.756
50.50	1660.4	1396.4	91.46	2.7129	2.757
51.00	1660.7	1396.7	91.46	2.6961	2.758
51.50	1661.0	1397.0	91.46	2.6796	2.759
52.00	1661.2	1397.2	91.46	2.6635	2.760
52.50	1661.5	1397.5	91.51	2.6476	2.761
53.00	1661.8	1397.8	91.54	2.6321	2.761
53.50	1662.0	1398.0	91.59	2.6168	2.762
54.00	1662.2	1398.2	91.63	2.6019	2.763
54.50	1662.5	1398.5	91.66	2.5872	2.764
55.00	1662.7	1398.7	91.70	2.5727	2.765
55.50	1663.0	1399.0	91.73	2.5586	2.766

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11338 DST#1 Rietzke #1 Thoroughbred Associates, LLC

DATE: 08/27/98 TIME: 05:28:21

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
56.00	1663.2	1399.2	91.77	2.5446	2.766
56.50	1663.4	1399.4	91.79	2.5310	2.767
57.00	1663.7	1399.7	91.83	2.5175	2.768
57.50	1663.9	1399.9	91.86	2.5043	2.769
58.00	1664.1	1400.1	91.90	2.4914	2.769
58.50	1664.3	1400.3	91.93	2.4786	2.770
59.00	1664.5	1400.5	91.96	2.4661	2.771
59.50	1664.8	1400.8	92.00	2.4538	2.772
60.00	1665.0	1401.0	92.03	2.4417	2.772
60.50	1665.2	1401.2	92.08	2.4298	2.773
61.00	1665.4	1401.4	92.12	2.4180	2.774
61.50	1665.6	1401.6	92.15	2.4065	2.774
62.00	1665.8	1401.8	92.19	2.3952	2.775
62.50	1666.0	1402.0	92.21	2.3840	2.776
63.00	1666.2	1402.1	92.26	2.3730	2.776
63.50	1666.4	1402.3	92.30	2.3622	2.777
64.00	1666.6	1402.6	92.33	2.3516	2.777
64.50	1666.7	1402.7	92.38	2.3411	2.778
65.00	1666.9	1402.9	92.42	2.3308	2.779
65.50	1667.1	1403.1	92.44	2.3206	2.779
66.00	1667.3	1403.2	92.49	2.3106	2.780
66.50	1667.5	1403.4	92.52	2.3008	2.780
67.00	1667.6	1403.6	92.56	2.2910	2.781
67.50	1667.8	1403.8	92.61	2.2815	2.782
68.00	1668.0	1403.9	92.62	2.2721	2.782
68.50	1668.1	1404.1	92.67	2.2628	2.783
69.00	1668.3	1404.3	92.73	2.2536	2.783
69.50	1668.5	1404.5	92.76	2.2446	2.784
70.00	1668.6	1404.6	92.80	2.2357	2.784
70.50	1668.8	1404.8	92.84	2.2270	2.785
71.00	1668.9	1404.9	92.89	2.2183	2.785
71.50	1669.1	1405.1	92.91	2.2098	2.786
72.00	1669.2	1405.2	92.96	2.2014	2.786
72.50	1669.4	1405.4	92.99	2.1931	2.787
73.00	1669.5	1405.5	93.03	2.1849	2.787
73.50	1669.7	1405.7	93.10	2.1769	2.788
74.00	1669.8	1405.8	93.10	2.1689	2.788
74.50	1670.0	1406.0	93.13	2.1611	2.789
75.00	1670.1	1406.1	93.18	2.1533	2.789
75.50	1670.2	1406.2	93.23	2.1457	2.790
76.00	1670.4	1406.4	93.27	2.1382	2.790
76.50	1670.5	1406.5	93.31	2.1307	2.791
77.00	1670.6	1406.6	93.35	2.1234	2.791
77.50	1670.8	1406.8	93.38	2.1161	2.792
78.00	1670.9	1406.9	93.43	2.1090	2.792
78.50	1671.0	1407.0	93.47	2.1019	2.792
79.00	1671.2	1407.2	93.50	2.0949	2.793
79.50	1671.3	1407.3	93.54	2.0881	2.793
80.00	1671.4	1407.4	93.58	2.0812	2.794
80.50	1671.5	1407.5	93.61	2.0745	2.794
81.00	1671.7	1407.7	93.67	2.0679	2.795

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11338 DST#1 Rietzke #1 Thoroughbred Associates, LLC

DATE: 08/27/98 TIME: 05:28:21

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	81.50	1671.8	1407.8	93.71	2.0613	2.795
	82.00	1671.9	1407.9	93.75	2.0549	2.795
	82.50	1672.0	1408.0	93.78	2.0485	2.796
	83.00	1672.2	1408.2	93.81	2.0422	2.796
	83.50	1672.3	1408.3	93.86	2.0359	2.797
	84.00	1672.4	1408.4	93.92	2.0298	2.797
	84.50	1672.5	1408.5	93.97	2.0237	2.797
	85.00	1672.6	1408.6	93.97	2.0176	2.798
	85.50	1672.7	1408.7	93.97	2.0117	2.798
	86.00	1672.8	1408.8	93.99	2.0058	2.798
	86.50	1672.9	1408.9	94.05	2.0000	2.799
	87.00	1673.0	1409.0	94.10	1.9943	2.799
	87.50	1673.1	1409.1	94.13	1.9886	2.799
	88.00	1673.2	1409.2	94.18	1.9830	2.800
	88.50	1673.3	1409.3	94.22	1.9774	2.800
***** End Shut-in 2	89.00	1673.4	1409.4	94.24	1.9719	2.800
***** Final Hydro.	366.00	2079.2	0.0	99.23		

