

Computer inventoried

15-175-21682

**ORIGINAL**

**WELL NAME:**  
**COMPANY:**  
**LOCATION:**  
**DATE:**

Brown #26-1  
Venus Exploration, Inc.  
26-33S-31W  
Seward County Kansas  
11/18/97

**RELEASED**

APR 09 1999

FROM CONFIDENTIAL

TRILOBITE TESTING L.L.C.

OPERATOR : Venus Exploration Inc.  
 WELL NAME: Brown #26-1  
 LOCATION : 26-33S-31W Seward Co KS  
 INTERVAL : 6928.00 To 6983.00 ft

DATE 11-13-97

KB 2740.00 ft TICKET NO: 9807 DST #1  
 GR 2730.00 ft FORMATION: Simpson Sand  
 TD 6983.00 ft TEST TYPE: CONV

FROM CONFIDENTIAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	1055	1055	3024			PF Fr. 1012 to 1042 hr
SI 60 Range(Psi )	4050.0	4050.0	4995.0	0.0	0.0	IS Fr. 1042 to 1142 hr
SF 90 Clock(hrs)	12 hr	12 hr	Elec			SF Fr. 1142 to 1312 hr
FS 240 Depth(ft )	6983.0	6983.0	6931.0	0.0	0.0	FS Fr. 1312 to 1712 hr

	Field	1	2	3	4	
A. Init Hydro	3402.0	3400.0	3358.0	0.0	0.0	T STARTED 0545 hr
B. First Flow	97.0	104.0	26.0	0.0	0.0	T ON BOTM 1009 hr
B1. Final Flow	129.0	130.0	86.0	0.0	0.0	T OPEN 1012 hr
C. In Shut-in	2309.0	2307.0	2272.0	0.0	0.0	T PULLED 1712 hr
D. Init Flow	603.0	616.0	570.0	0.0	0.0	T OUT 2000 hr
E. Final Flow	885.0	0.0	984.0	0.0	0.0	
F. Fl Shut-in	2126.0	0.0	2295.0	0.0	0.0	
G. Final Hydro	3279.0	3283.0	3182.0	0.0	0.0	
Inside/Outside	0	0	I			

TOOL DATA-----

Tool Wt.	1800.00 lbs
Wt Set On Packer	30000.00 lbs
Wt Pulled Loose	96000.00 lbs
Initial Str Wt	92000.00 lbs
Unseated Str Wt	94000.00 lbs
Bot Choke	0.75 in
Hole Size	7.78 in
D Col. ID	2.25 in
D. Pipe ID	3.68 in
D.C. Length	278.00 ft
D.P. Length	6632.00 ft

RECOVERY

Tot Fluid 375.00 ft of 278.00 ft in DC and 97.00 ft in DP  
 5400.00 ft of Gas In Pipe  
 3.00 ft of Gassy Oil Cut Mud 10%gas 10%oil 80%mud  
 93.00 ft of Gassy Oil Stained Mud  
 0.00 ft of 7%gas 3%oil 90%mud  
 93.00 ft of Gassy Oil Stained Mud  
 0.00 ft of 20%gas 10%oil 70%mud  
 93.00 ft of Oil Stained watery Mud - 5%o 20%w 75%m  
 93.00 ft of Gassy Oil Cut Muddy Water-50%g 10%o 10%m 30%w  
 SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	64.00 S/L
W.L.	8.00 in3
F.C.	6.00 in
Mud Drop Y	35.0 ft

BLOW DESCRIPTION

Initial Flow:  
 Fair blow, bottom of bucket in 6 mins

Initial Shut In:  
 No blow back

Final Flow:  
 Fair blow, bottom of bucket in 10 mins  
 No gas to surface

Final Shut In:  
 No blow back

SAMPLES: no samples  
 SENT TO:

Amt. of fill	0.00 ft
Btm. H. Temp.	143.00 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	Darold Hibler
Co. Rep.	Bob
Contr.	Abercrombie
Rig #	5
Unit #	
Pump T.	

Test Successful: Y

Operator.....: Venus Exploration, Inc.  
Well Name.....: Brown #26-1  
DST Number.....: 1

Location.: 26-33S-31W Seward KS      Recorder No...: 3025  
Test Type: Conventional              Recorder Depth: 6931  
Formation: Simpson Sand              Test Interval.: 6928-6983

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

RESERVOIR PARAMETERS USED:

Net Pay.....: 19.00 ft  
Porosity.....: 7.00 %  
Bottom Hole Temp.....: 143.00 F  
Specific Gravity.....: 0.022  
API Gravity.....: 49.00  
Compressibility.....: 0.000004 /psi  
Viscosity.....: 1.9800 cp  
Total Recovery.....: 375.00 ft  
Total Flowing Time.....: 120.00 min.  
Flow Rate.....: 1.94 bbls/d  
Final Flowing Pressure.....: 985.00 psi  
Horner Slope.....: 109.5048 psi/cycle  
Extrapolated Pressure.....: 2313.69 psi  
Formation Volume Factor.....: 1.09 Reservoir/Surface  
Well Bore Radius.....: 3.94 in

RESULTS:

Effective Permeability.....: 0.327066 md  
Flow Capacity.....: 6.2143 md.ft  
Transmissibility.....: 3.1385 md.ft/cp  
Skin Factor.....: 10.0162  
Radius of Investigation.....: 31.50061 ft  
Damage Ratio.....: 3.5360  
Productivity Index.....: 0.0015 bbls/psi.d  
Productivity Index W/O Damage.: 0.0052 bbls/psi.d

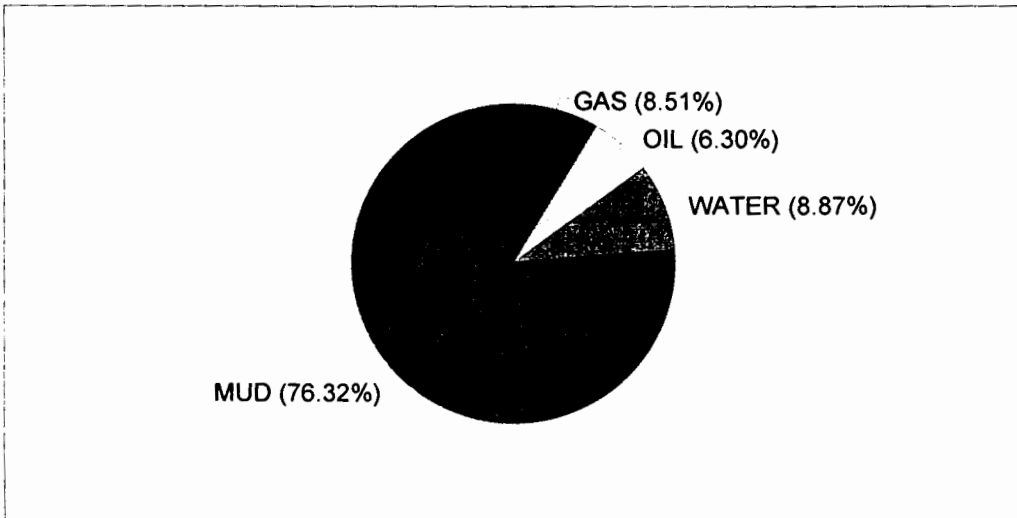
CALCULATED RECOVERY ANALYSIS

DST 1

TICKET 9807

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD	
		%	FEET	%	FEET	%	FEET	%	FEET
DRILL 1	3	10	0.3	10	0.3	0	0	80	2.4
PIPE 2	93	7	6.51	3	2.79	0	0	90	83.7
3	4	20	0.8	10	0.4	0	0	70	2.8
4			0		0	0	0		0
5			0		0	0	0		0
6			0		0	0	0		0
WEIGHT 1			0		0		0		0
PIPE 2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
DRILL 1	89	20	17.8	10	8.9	0	0	70	62.3
COLLARS 2	93		0	5	4.65	20	18.6	75	69.75
3	93	5	4.65	10	9.3	30	27.9	10	9.3
4			0		0		0		0
5			0		0		0		0
TOTAL	375		30.06		26.34		46.5		230.25

		HRS OPEN	BBL/DAY
BBL OIL=	0.161364	2	= 1.936372
BBL WATER=	0.227385		= 2.72862
BBL MUD=	1.95536		
BBL GAS =	0.217995		

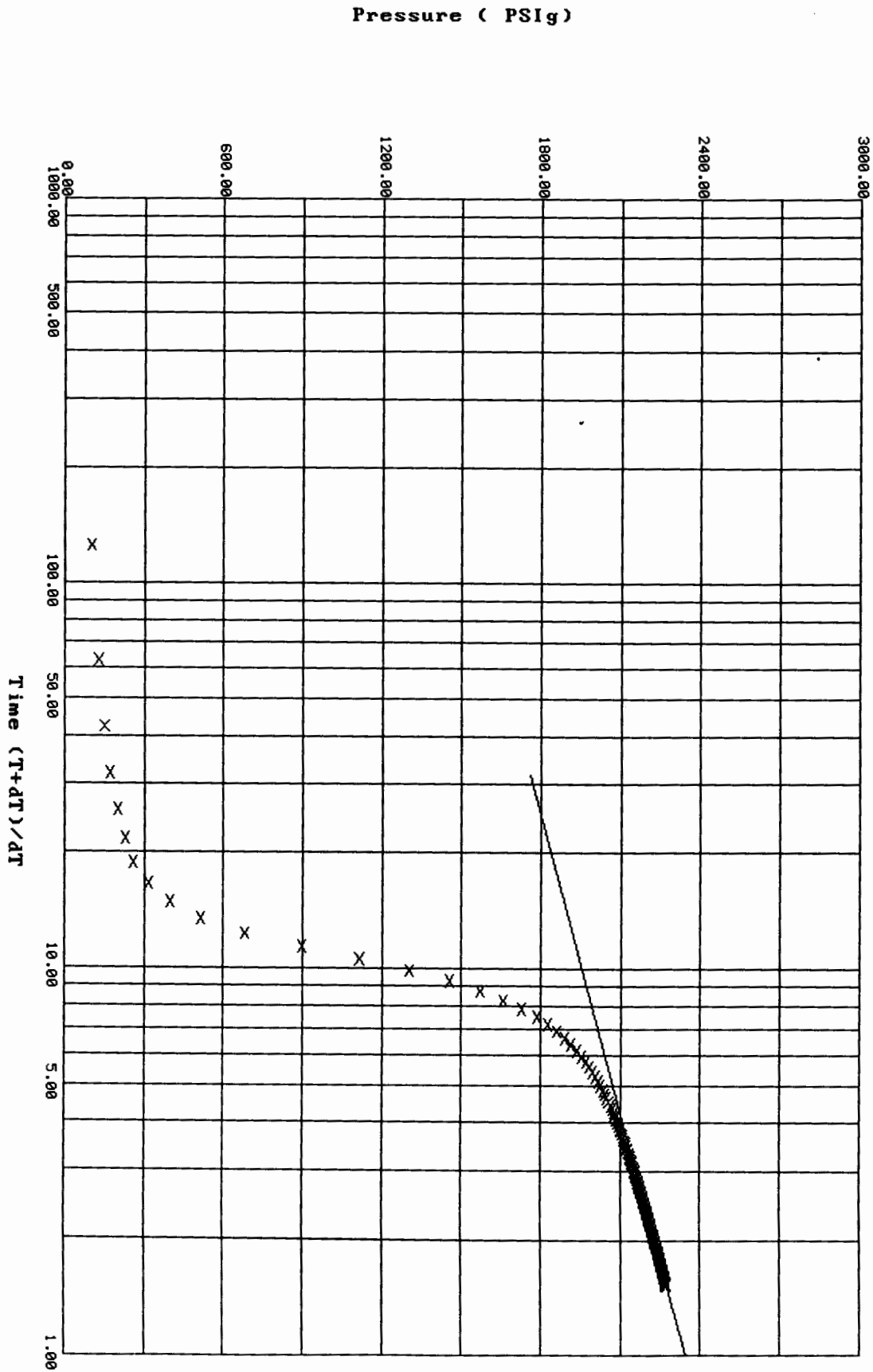




# Horner Plot: Shut-in #1

9807 Brown#26-1 DST#1 Venus Exploration, Inc.

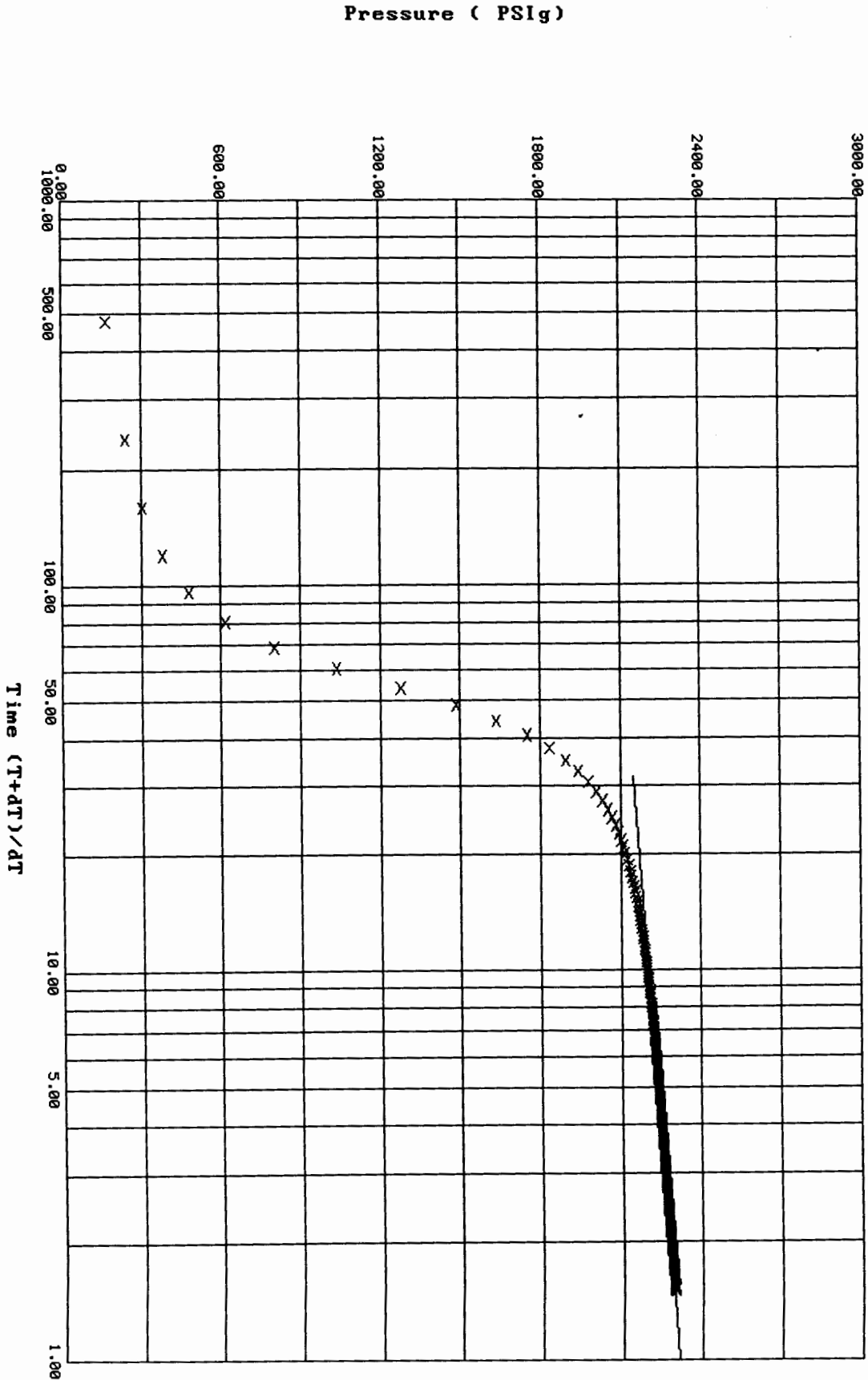
Slope: 390.9526 PSig/cycle  
 Ext. Pressure: 2345.1274 PSig



# Horner Plot: Shut-in #2

9807 Brown#26-1 DST#1 Venus Exploration, Inc.

Slope: 109.5048 PSig/cycle  
Ext. Pressure: 2313.6873 PSig



ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

DATE: 11/13/97

TIME: 05:54:03

	Time	Pressure PSig	delta P PSig	P	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
***** Initial Hydro.	256.00	3358.3	0.0		131.91		
***** Start Flow 1	0.00	26.0	0.0		132.00		
	0.25	27.4	1.4		131.98		
	0.50	28.9	2.9		131.95		
	0.75	30.2	4.1		131.92		
	1.00	31.6	5.6		131.88		
	1.25	33.6	7.6		131.84		
	1.50	35.7	9.7		131.80		
	1.75	37.8	11.7		131.74		
	2.00	36.7	10.7		131.72		
	2.25	37.9	11.9		131.69		
	2.50	38.3	12.3		131.68		
	2.75	39.3	13.3		131.71		
	3.00	39.9	13.8		131.75		
	3.25	40.4	14.3		131.79		
	3.50	41.5	15.5		131.86		
	3.75	41.5	15.4		131.94		
	4.00	42.7	16.7		132.02		
	4.25	43.9	17.9		132.10		
	4.50	45.5	19.4		132.18		
	4.75	45.6	19.6		132.25		
	5.00	46.5	20.4		132.33		
	5.25	47.3	21.2		132.40		
	5.50	47.9	21.8		132.48		
	5.75	49.4	23.4		132.56		
	6.00	49.3	23.2		132.62		
	6.25	50.7	24.7		132.68		
	6.50	51.0	24.9		132.72		
	6.75	51.2	25.1		132.78		
	7.00	51.3	25.3		132.83		
	7.25	52.5	26.5		132.87		
	7.50	51.9	25.9		132.92		
	7.75	52.5	26.4		132.95		
	8.00	53.1	27.0		132.99		
	8.25	53.4	27.4		133.01		
	8.50	54.2	28.2		133.04		
	8.75	55.7	29.7		133.08		
	9.00	56.2	30.2		133.10		
	9.25	55.5	29.5		133.12		
	9.50	56.7	30.7		133.16		
	9.75	57.9	31.9		133.17		
	10.00	57.4	31.4		133.22		
	10.25	58.0	31.9		133.23		
	10.50	59.2	33.1		133.25		
	10.75	60.2	34.2		133.27		
	11.00	61.7	35.6		133.29		
	11.25	62.3	36.2		133.31		
	11.50	62.5	36.5		133.33		
	11.75	63.5	37.5		133.33		
	12.00	63.8	37.8		133.36		
	12.25	63.9	37.9		133.36		

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Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
12.50	64.8	38.8	133.37		
12.75	66.3	40.3	133.39		
13.00	66.4	40.4	133.39		
13.25	67.2	41.2	133.39		
13.50	67.4	41.3	133.40		
13.75	67.9	41.8	133.41		
14.00	68.5	42.5	133.41		
14.25	69.7	43.6	133.42		
14.50	70.2	44.2	133.42		
14.75	70.5	44.4	133.43		
15.00	71.8	45.8	133.43		
15.25	72.4	46.4	133.42		
15.50	72.1	46.1	133.42		
15.75	73.0	47.0	133.43		
16.00	73.6	47.5	133.43		
16.25	74.3	48.3	133.44		
16.50	74.4	48.4	133.43		
16.75	75.4	49.4	133.45		
17.00	76.3	50.2	133.45		
17.25	75.7	49.7	133.46		
17.50	77.1	51.1	133.47		
17.75	75.7	49.6	133.48		
18.00	77.4	51.3	133.49		
18.25	78.0	51.9	133.52		
18.50	77.6	51.6	133.54		
18.75	77.6	51.6	133.57		
19.00	76.4	50.4	133.60		
19.25	78.1	52.0	133.63		
19.50	77.7	51.6	133.67		
19.75	78.5	52.5	133.71		
20.00	75.6	49.6	133.75		
20.25	78.6	52.5	133.80		
20.50	76.4	50.3	133.85		
20.75	76.6	50.6	133.90		
21.00	76.0	49.9	133.95		
21.25	75.3	49.3	134.00		
21.50	76.1	50.0	134.05		
21.75	74.7	48.7	134.11		
22.00	78.2	52.2	134.16		
22.25	75.8	49.8	134.21		
22.50	74.6	48.6	134.26		
22.75	78.4	52.3	134.31		
23.00	74.6	48.6	134.34		
23.25	77.9	51.9	134.40		
23.50	75.6	49.6	134.43		
23.75	77.6	51.6	134.47		
24.00	78.1	52.1	134.53		
24.25	76.4	50.3	134.56		
24.50	79.0	53.0	134.60		
24.75	77.7	51.6	134.64		
25.00	80.3	54.3	134.68		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

DATE: 11/13/97 TIME: 05:54:03

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
	25.25	78.5	52.5	134.72		
	25.50	78.3	52.3	134.75		
	25.75	79.1	53.0	134.80		
	26.00	79.6	53.5	134.82		
	26.25	77.8	51.7	134.86		
	26.50	79.2	53.1	134.88		
	26.75	84.0	57.9	134.91		
	27.00	80.7	54.7	134.94		
	27.25	81.8	55.8	134.97		
	27.50	82.5	56.5	135.01		
	27.75	83.6	57.5	135.04		
	28.00	83.3	57.2	135.06		
	28.25	83.8	57.8	135.10		
	28.50	82.0	55.9	135.11		
	28.75	84.6	58.5	135.15		
	29.00	83.9	57.9	135.18		
	29.25	86.6	60.6	135.20		
	29.50	87.4	61.4	135.24		
	29.75	85.1	59.1	135.27		
	30.00	86.0	60.0	135.31		
	30.25	86.6	60.5	135.33		
	30.50	85.5	59.4	135.36		
	30.75	89.3	63.3	135.40		
***** End Flow 1	31.00	86.4	60.4	135.42		
***** Start Shutin 1	0.00	86.4	0.0	135.42	0.0000	0.007
	0.25	103.0	16.6	135.46	125.0000	0.011
	0.50	127.5	41.1	135.47	63.0000	0.016
	0.75	150.8	64.3	135.51	42.3333	0.023
	1.00	171.0	84.6	135.54	32.0000	0.029
	1.25	202.4	116.0	135.57	25.8000	0.041
	1.50	230.2	143.8	135.60	21.6667	0.053
	1.75	256.3	169.9	135.63	18.7143	0.066
	2.00	314.5	228.1	135.66	16.5000	0.099
	2.25	398.7	312.3	135.69	14.7778	0.159
	2.50	516.4	429.9	135.72	13.4000	0.267
	2.75	683.5	597.1	135.75	12.2727	0.467
	3.00	898.0	811.5	135.79	11.3333	0.806
	3.25	1115.5	1029.1	135.83	10.5385	1.244
	3.50	1303.8	1217.4	135.87	9.8571	1.700
	3.75	1454.8	1368.4	135.91	9.2667	2.117
	4.00	1571.4	1485.0	135.95	8.7500	2.469
	4.25	1660.4	1574.0	136.01	8.2941	2.757
	4.50	1729.6	1643.1	136.07	7.8889	2.991
	4.75	1783.6	1697.2	136.13	7.5263	3.181
	5.00	1826.7	1740.3	136.17	7.2000	3.337
	5.25	1861.9	1775.4	136.22	6.9048	3.467
	5.50	1890.9	1804.5	136.30	6.6364	3.576
	5.75	1915.3	1828.8	136.35	6.3913	3.668
	6.00	1936.0	1849.5	136.41	6.1667	3.748
	6.25	1953.8	1867.4	136.45	5.9600	3.817
	6.50	1969.4	1883.0	136.51	5.7692	3.879

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Time	Pressure PSig	delta P PSig	P	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
6.75	1983.2	1896.8		136.56	5.5926	3.933
7.00	1995.5	1909.0		136.60	5.4286	3.982
7.25	2006.5	1920.1		136.65	5.2759	4.026
7.50	2016.5	1930.1		136.69	5.1333	4.066
7.75	2025.9	1939.4		136.75	5.0000	4.104
8.00	2034.4	1948.0		136.79	4.8750	4.139
8.25	2042.3	1955.9		136.83	4.7576	4.171
8.50	2049.6	1963.1		136.85	4.6471	4.201
8.75	2056.3	1969.9		136.89	4.5429	4.229
9.00	2062.6	1976.2		136.93	4.4444	4.255
9.25	2068.5	1982.1		136.96	4.3514	4.279
9.50	2074.1	1987.6		136.99	4.2632	4.302
9.75	2079.3	1992.9		137.01	4.1795	4.324
10.00	2084.3	1997.8		137.04	4.1000	4.344
10.25	2089.0	2002.5		137.06	4.0244	4.364
10.50	2093.5	2007.0		137.09	3.9524	4.383
10.75	2097.7	2011.3		137.10	3.8837	4.401
11.00	2101.8	2015.4		137.13	3.8182	4.418
11.25	2105.8	2019.4		137.16	3.7556	4.434
11.50	2109.6	2023.1		137.17	3.6957	4.450
11.75	2113.2	2026.7		137.19	3.6383	4.466
12.00	2116.6	2030.2		137.20	3.5833	4.480
12.25	2120.0	2033.5		137.22	3.5306	4.494
12.50	2123.0	2036.5		137.24	3.4800	4.507
12.75	2126.1	2039.7		137.24	3.4314	4.520
13.00	2129.1	2042.7		137.27	3.3846	4.533
13.25	2132.0	2045.6		137.27	3.3396	4.546
13.50	2134.9	2048.4		137.29	3.2963	4.558
13.75	2137.6	2051.1		137.30	3.2545	4.569
14.00	2140.2	2053.8		137.31	3.2143	4.580
14.25	2142.7	2056.3		137.32	3.1754	4.591
14.50	2145.2	2058.8		137.33	3.1379	4.602
14.75	2147.6	2061.2		137.34	3.1017	4.612
15.00	2150.0	2063.5		137.35	3.0667	4.622
15.25	2152.2	2065.8		137.36	3.0328	4.632
15.50	2154.4	2068.0		137.38	3.0000	4.642
15.75	2156.6	2070.1		137.39	2.9683	4.651
16.00	2158.6	2072.2		137.39	2.9375	4.660
16.25	2160.6	2074.2		137.40	2.9077	4.668
16.50	2162.6	2076.2		137.41	2.8788	4.677
16.75	2164.5	2078.1		137.40	2.8507	4.685
17.00	2166.4	2080.0		137.42	2.8235	4.693
17.25	2168.2	2081.8		137.41	2.7971	4.701
17.50	2170.0	2083.5		137.42	2.7714	4.709
17.75	2171.7	2085.3		137.43	2.7465	4.716
18.00	2173.4	2087.0		137.43	2.7222	4.724
18.25	2175.1	2088.7		137.44	2.6986	4.731
18.50	2176.7	2090.3		137.45	2.6757	4.738
18.75	2178.3	2091.9		137.45	2.6533	4.745
19.00	2179.9	2093.4		137.46	2.6316	4.752
19.25	2181.4	2095.0		137.47	2.6104	4.759

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Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
19.50	2182.9	2096.5	137.47	2.5897	4.765
19.75	2184.4	2097.9	137.46	2.5696	4.771
20.00	2185.8	2099.3	137.46	2.5500	4.778
20.25	2187.1	2100.7	137.47	2.5309	4.784
20.50	2188.5	2102.1	137.47	2.5122	4.790
20.75	2189.9	2103.4	137.48	2.4940	4.795
21.00	2191.2	2104.7	137.48	2.4762	4.801
21.25	2192.5	2106.0	137.48	2.4588	4.807
21.50	2193.7	2107.3	137.49	2.4419	4.813
21.75	2195.0	2108.5	137.49	2.4253	4.818
22.00	2196.2	2109.8	137.49	2.4091	4.823
22.25	2197.4	2110.9	137.49	2.3933	4.828
22.50	2198.5	2112.1	137.50	2.3778	4.834
22.75	2199.7	2113.2	137.51	2.3626	4.839
23.00	2200.8	2114.4	137.51	2.3478	4.844
23.25	2201.9	2115.5	137.51	2.3333	4.848
23.50	2203.0	2116.6	137.52	2.3191	4.853
23.75	2204.0	2117.6	137.53	2.3053	4.858
24.00	2205.1	2118.6	137.52	2.2917	4.862
24.25	2206.1	2119.7	137.53	2.2784	4.867
24.50	2207.1	2120.7	137.52	2.2653	4.871
24.75	2208.1	2121.7	137.53	2.2525	4.876
25.00	2209.1	2122.7	137.53	2.2400	4.880
25.25	2210.1	2123.6	137.54	2.2277	4.884
25.50	2211.1	2124.6	137.54	2.2157	4.889
25.75	2212.0	2125.5	137.55	2.2039	4.893
26.00	2212.9	2126.5	137.55	2.1923	4.897
26.25	2213.8	2127.4	137.55	2.1810	4.901
26.50	2214.7	2128.3	137.56	2.1698	4.905
26.75	2215.6	2129.1	137.56	2.1589	4.909
27.00	2216.4	2130.0	137.57	2.1481	4.913
27.25	2217.3	2130.8	137.57	2.1376	4.916
27.50	2218.1	2131.7	137.57	2.1273	4.920
27.75	2218.9	2132.5	137.58	2.1171	4.924
28.00	2219.7	2133.3	137.57	2.1071	4.927
28.25	2220.5	2134.1	137.59	2.0973	4.931
28.50	2221.3	2134.9	137.59	2.0877	4.934
28.75	2222.1	2135.6	137.59	2.0783	4.938
29.00	2222.8	2136.4	137.59	2.0690	4.941
29.25	2223.5	2137.1	137.60	2.0598	4.944
29.50	2224.3	2137.9	137.60	2.0508	4.948
29.75	2225.0	2138.6	137.61	2.0420	4.951
30.00	2225.8	2139.3	137.61	2.0333	4.954
30.25	2226.5	2140.1	137.60	2.0248	4.957
30.50	2227.2	2140.7	137.62	2.0164	4.960
30.75	2227.9	2141.4	137.62	2.0081	4.963
31.00	2228.6	2142.1	137.61	2.0000	4.966
31.25	2229.2	2142.8	137.62	1.9920	4.969
31.50	2229.9	2143.4	137.63	1.9841	4.972
31.75	2230.5	2144.1	137.63	1.9764	4.975
32.00	2231.2	2144.7	137.64	1.9688	4.978

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

DATE: 11/13/97

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Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
32.25	2231.8	2145.4	137.64	1.9612	4.981
32.50	2232.5	2146.0	137.65	1.9538	4.984
32.75	2233.1	2146.6	137.65	1.9466	4.987
33.00	2233.7	2147.2	137.65	1.9394	4.989
33.25	2234.3	2147.8	137.66	1.9323	4.992
33.50	2234.9	2148.5	137.65	1.9254	4.995
33.75	2235.5	2149.0	137.66	1.9185	4.997
34.00	2236.1	2149.6	137.67	1.9118	5.000
34.25	2236.6	2150.2	137.67	1.9051	5.003
34.50	2237.2	2150.8	137.68	1.8986	5.005
34.75	2237.8	2151.3	137.68	1.8921	5.008
35.00	2238.3	2151.9	137.68	1.8857	5.010
35.25	2238.9	2152.4	137.69	1.8794	5.013
35.50	2239.4	2153.0	137.68	1.8732	5.015
35.75	2240.0	2153.5	137.70	1.8671	5.018
36.00	2240.5	2154.1	137.69	1.8611	5.020
36.25	2241.1	2154.6	137.71	1.8552	5.022
36.50	2241.6	2155.1	137.71	1.8493	5.025
36.75	2242.1	2155.6	137.71	1.8435	5.027
37.00	2242.6	2156.1	137.71	1.8378	5.029
37.25	2243.1	2156.6	137.71	1.8322	5.031
37.50	2243.6	2157.1	137.72	1.8267	5.034
37.75	2244.1	2157.6	137.73	1.8212	5.036
38.00	2244.5	2158.1	137.72	1.8158	5.038
38.25	2245.0	2158.6	137.73	1.8105	5.040
38.50	2245.5	2159.0	137.73	1.8052	5.042
38.75	2246.0	2159.5	137.74	1.8000	5.044
39.00	2246.4	2160.0	137.75	1.7949	5.046
39.25	2246.9	2160.4	137.75	1.7898	5.048
39.50	2247.3	2160.9	137.76	1.7848	5.051
39.75	2247.8	2161.4	137.77	1.7799	5.053
40.00	2248.2	2161.8	137.77	1.7750	5.055
40.25	2248.7	2162.2	137.76	1.7702	5.056
40.50	2249.1	2162.7	137.77	1.7654	5.058
40.75	2249.5	2163.1	137.78	1.7607	5.060
41.00	2249.9	2163.5	137.79	1.7561	5.062
41.25	2250.4	2163.9	137.79	1.7515	5.064
41.50	2250.8	2164.3	137.79	1.7470	5.066
41.75	2251.2	2164.7	137.79	1.7425	5.068
42.00	2251.6	2165.2	137.81	1.7381	5.070
42.25	2252.0	2165.5	137.81	1.7337	5.071
42.50	2252.4	2166.0	137.81	1.7294	5.073
42.75	2252.8	2166.3	137.82	1.7251	5.075
43.00	2253.2	2166.7	137.81	1.7209	5.077
43.25	2253.6	2167.1	137.82	1.7168	5.079
43.50	2254.0	2167.5	137.82	1.7126	5.080
43.75	2254.4	2167.9	137.82	1.7086	5.082
44.00	2254.8	2168.3	137.84	1.7045	5.084
44.25	2255.1	2168.7	137.84	1.7006	5.086
44.50	2255.5	2169.0	137.84	1.6966	5.087
44.75	2255.8	2169.4	137.84	1.6927	5.089

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

DATE: 11/13/97

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Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
45.00	2256.2	2169.7	137.85	1.6889	5.090
45.25	2256.5	2170.1	137.85	1.6851	5.092
45.50	2256.9	2170.4	137.85	1.6813	5.093
45.75	2257.3	2170.8	137.87	1.6776	5.095
46.00	2257.6	2171.2	137.86	1.6739	5.097
46.25	2258.0	2171.5	137.87	1.6703	5.098
46.50	2258.3	2171.9	137.88	1.6667	5.100
46.75	2258.6	2172.2	137.88	1.6631	5.101
47.00	2259.0	2172.5	137.89	1.6596	5.103
47.25	2259.3	2172.9	137.90	1.6561	5.104
47.50	2259.6	2173.2	137.90	1.6526	5.106
47.75	2259.9	2173.5	137.90	1.6492	5.107
48.00	2260.2	2173.8	137.85	1.6458	5.109
48.25	2260.6	2174.1	137.91	1.6425	5.110
48.50	2260.9	2174.5	137.91	1.6392	5.112
48.75	2261.2	2174.8	137.91	1.6359	5.113
49.00	2261.5	2175.1	137.92	1.6327	5.114
49.25	2261.9	2175.4	137.93	1.6294	5.116
49.50	2262.1	2175.7	137.93	1.6263	5.117
49.75	2262.5	2176.0	137.94	1.6231	5.119
50.00	2262.7	2176.3	137.94	1.6200	5.120
50.25	2263.0	2176.6	137.95	1.6169	5.121
50.50	2263.4	2176.9	137.96	1.6139	5.123
50.75	2263.6	2177.2	137.96	1.6108	5.124
51.00	2263.9	2177.5	137.96	1.6078	5.125
51.25	2264.2	2177.8	137.97	1.6049	5.127
51.50	2264.5	2178.1	137.97	1.6019	5.128
51.75	2264.8	2178.3	137.98	1.5990	5.129
52.00	2265.1	2178.6	137.98	1.5962	5.131
52.25	2265.3	2178.9	137.99	1.5933	5.132
52.50	2265.6	2179.2	137.98	1.5905	5.133
52.75	2265.9	2179.4	137.99	1.5877	5.134
53.00	2266.1	2179.7	138.00	1.5849	5.135
53.25	2266.4	2180.0	137.99	1.5822	5.137
53.50	2266.7	2180.2	138.01	1.5794	5.138
53.75	2266.9	2180.5	138.02	1.5767	5.139
54.00	2267.2	2180.8	138.02	1.5741	5.140
54.25	2267.5	2181.0	138.02	1.5714	5.141
54.50	2267.7	2181.3	138.04	1.5688	5.143
54.75	2268.0	2181.5	138.03	1.5662	5.144
55.00	2268.2	2181.8	138.04	1.5636	5.145
55.25	2268.5	2182.0	138.05	1.5611	5.146
55.50	2268.7	2182.3	138.05	1.5586	5.147
55.75	2269.0	2182.6	138.06	1.5561	5.148
56.00	2269.3	2182.8	138.06	1.5536	5.150
56.25	2269.5	2183.0	138.06	1.5511	5.151
56.50	2269.7	2183.3	138.06	1.5487	5.152
56.75	2270.0	2183.5	138.06	1.5463	5.153
57.00	2270.2	2183.8	138.06	1.5439	5.154
57.25	2270.5	2184.0	138.08	1.5415	5.155
57.50	2270.7	2184.3	138.08	1.5391	5.156

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

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	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
	57.75	2270.9	2184.5	138.08	1.5368	5.157
	58.00	2271.1	2184.7	138.10	1.5345	5.158
	58.25	2271.4	2184.9	138.10	1.5322	5.159
	58.50	2271.6	2185.2	138.10	1.5299	5.160
	58.75	2271.8	2185.4	138.11	1.5277	5.161
	59.00	2272.1	2185.6	138.12	1.5254	5.162
	59.25	2272.3	2185.9	138.12	1.5232	5.163
***** End Shut-in 1	59.50	2272.6	2186.1	138.12	1.5210	5.165
***** Start Flow 2	0.00	570.9	0.0	138.05		
	0.25	561.3	-9.6	138.03		
	0.50	661.9	91.0	137.99		
	0.75	667.0	96.1	137.96		
	1.00	817.4	246.5	137.93		
	1.25	886.1	315.3	137.91		
	1.50	872.0	301.1	137.88		
	1.75	872.9	302.0	137.86		
	2.00	874.4	303.5	137.85		
	2.25	872.5	301.6	137.83		
	2.50	872.6	301.7	137.82		
	2.75	873.8	302.9	137.80		
	3.00	874.7	303.9	137.80		
	3.25	875.7	304.8	137.79		
	3.50	878.7	307.8	137.79		
	3.75	881.3	310.4	137.77		
	4.00	881.3	310.4	137.78		
	4.25	879.7	308.8	137.77		
	4.50	877.5	306.6	137.77		
	4.75	876.9	306.1	137.78		
	5.00	877.8	307.0	137.77		
	5.25	878.2	307.3	137.77		
	5.50	877.3	306.4	137.77		
	5.75	874.7	303.8	137.78		
	6.00	872.2	301.3	137.78		
	6.25	869.7	298.8	137.79		
	6.50	867.9	297.0	137.80		
	6.75	864.8	293.9	137.80		
	7.00	862.8	291.9	137.81		
	7.25	861.3	290.4	137.82		
	7.50	859.7	288.8	137.82		
	7.75	858.0	287.1	137.83		
	8.00	856.2	285.3	137.84		
	8.25	855.8	284.9	137.85		
	8.50	858.5	287.7	137.86		
	8.75	842.7	271.8	137.88		
	9.00	835.6	264.7	137.88		
	9.25	831.8	260.9	137.90		
	9.50	829.7	258.8	137.91		
	9.75	828.4	257.5	137.92		
	10.00	827.4	256.6	137.94		
	10.25	826.9	256.0	137.95		
	10.50	826.6	255.8	137.96		

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10.75	826.3	255.5	137.98		
11.00	826.3	255.4	137.99		
11.25	826.2	255.3	138.01		
11.50	826.1	255.3	138.02		
11.75	826.3	255.4	138.04		
12.00	824.5	253.7	138.06		
12.25	793.5	222.6	138.07		
12.50	777.5	206.6	138.09		
12.75	767.9	197.0	138.10		
13.00	762.0	191.1	138.12		
13.25	758.3	187.4	138.14		
13.50	755.8	184.9	138.15		
13.75	754.3	183.4	138.17		
14.00	761.9	191.0	138.17		
14.25	768.0	197.2	138.19		
14.50	772.7	201.8	138.20		
14.75	776.3	205.4	138.21		
15.00	779.2	208.3	138.22		
15.25	782.3	211.4	138.24		
15.50	786.0	215.1	138.24		
15.75	791.7	220.8	138.25		
16.00	797.0	226.1	138.27		
16.25	805.5	234.6	138.29		
16.50	811.1	240.2	138.29		
16.75	814.9	244.0	138.30		
17.00	817.7	246.8	138.32		
17.25	819.9	249.0	138.33		
17.50	821.6	250.7	138.33		
17.75	821.5	250.7	138.34		
18.00	821.8	250.9	138.34		
18.25	822.3	251.4	138.35		
18.50	822.8	251.9	138.35		
18.75	823.3	252.4	138.36		
19.00	823.6	252.8	138.37		
19.25	823.8	252.9	138.38		
19.50	823.8	253.0	138.38		
19.75	822.6	251.7	138.40		
20.00	822.0	251.1	138.40		
20.25	821.1	250.3	138.40		
20.50	820.9	250.0	138.41		
20.75	820.5	249.7	138.41		
21.00	820.7	249.8	138.42		
21.25	821.3	250.4	138.41		
21.50	821.8	250.9	138.42		
21.75	822.2	251.3	138.43		
22.00	822.5	251.6	138.45		
22.25	822.6	251.7	138.45		
22.50	822.8	251.9	138.46		
22.75	823.4	252.6	138.47		
23.00	824.0	253.2	138.48		
23.25	824.5	253.6	138.50		

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23.50	824.8	253.9	138.50		
23.75	825.1	254.2	138.50		
24.00	825.3	254.4	138.50		
24.25	825.5	254.6	138.49		
24.50	826.1	255.2	138.49		
24.75	826.9	256.0	138.49		
25.00	827.4	256.5	138.48		
25.25	827.4	256.5	138.48		
25.50	827.5	256.6	138.46		
25.75	828.1	257.2	138.45		
26.00	829.1	258.2	138.44		
26.25	829.7	258.9	138.43		
26.50	830.7	259.8	138.42		
26.75	831.4	260.5	138.41		
27.00	831.7	260.8	138.40		
27.25	831.8	260.9	138.40		
27.50	832.1	261.2	138.40		
27.75	832.3	261.4	138.41		
28.00	833.1	262.2	138.43		
28.25	833.9	263.1	138.45		
28.50	834.3	263.5	138.49		
28.75	834.9	264.1	138.54		
29.00	835.7	264.8	138.57		
29.25	836.4	265.5	138.63		
29.50	837.6	266.7	138.69		
29.75	840.2	269.3	138.75		
30.00	841.5	270.6	138.84		
30.25	843.0	272.1	138.91		
30.50	843.9	273.0	139.00		
30.75	844.7	273.8	139.08		
31.00	848.4	277.5	139.19		
31.25	879.2	308.3	139.28		
31.50	915.4	344.5	139.38		
31.75	984.8	413.9	139.46		
32.00	1111.7	540.8	139.55		
32.25	1074.4	503.6	139.64		
32.50	838.3	267.4	139.72		
32.75	972.4	401.5	139.81		
33.00	998.6	427.7	139.89		
33.25	1132.5	561.6	139.96		
33.50	1276.2	705.4	140.02		
33.75	1332.9	762.0	140.09		
34.00	1343.0	772.1	140.15		
34.25	1358.8	788.0	140.21		
34.50	1301.5	730.6	140.26		
34.75	1243.5	672.6	140.33		
35.00	1260.6	689.7	140.39		
35.25	1251.5	680.7	140.43		
35.50	1288.3	717.5	140.49		
35.75	1386.6	815.7	140.53		
36.00	1446.7	875.8	140.57		

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36.25	1486.9	916.0	140.59		
36.50	1507.1	936.2	140.63		
36.75	1509.2	938.3	140.67		
37.00	1526.7	955.8	140.70		
37.25	1511.0	940.1	140.73		
37.50	1503.0	932.1	140.75		
37.75	1480.2	909.3	140.78		
38.00	1476.1	905.3	140.82		
38.25	1467.9	897.0	140.84		
38.50	1462.3	891.4	140.86		
38.75	1553.4	982.5	140.89		
39.00	1379.8	808.9	140.89		
39.25	1387.8	816.9	140.93		
39.50	1611.5	1040.6	140.94		
39.75	1748.8	1177.9	140.95		
40.00	1827.7	1256.8	140.95		
40.25	1745.4	1174.5	140.96		
40.50	1681.4	1110.5	140.98		
40.75	1649.5	1078.7	141.00		
41.00	1558.5	987.6	141.01		
41.25	1538.7	967.8	141.03		
41.50	1518.9	948.1	141.05		
41.75	1539.6	968.8	141.07		
42.00	1651.0	1080.1	141.09		
42.25	1778.1	1207.2	141.11		
42.50	1858.1	1287.2	141.12		
42.75	1912.1	1341.2	141.14		
43.00	1809.3	1238.4	141.16		
43.25	1873.4	1302.5	141.18		
43.50	1917.6	1346.7	141.20		
43.75	1959.1	1388.3	141.21		
44.00	1829.9	1259.1	141.22		
44.25	1569.3	998.4	141.25		
44.50	1461.5	890.6	141.27		
44.75	1400.7	829.8	141.29		
45.00	1465.3	894.4	141.31		
45.25	1658.5	1087.6	141.33		
45.50	1789.6	1218.7	141.34		
45.75	1874.4	1303.5	141.35		
46.00	1931.6	1360.8	141.36		
46.25	1971.8	1401.0	141.38		
46.50	1980.6	1409.7	141.39		
46.75	1904.0	1333.2	141.41		
47.00	1836.5	1265.6	141.43		
47.25	1800.7	1229.8	141.43		
47.50	1780.2	1209.3	141.45		
47.75	1767.0	1196.1	141.46		
48.00	1758.1	1187.2	141.48		
48.25	1752.6	1181.8	141.48		
48.50	1749.5	1178.6	141.50		
48.75	1747.4	1176.5	141.50		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

DATE: 11/13/97

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Time	Pressure PSI <sub>g</sub>	delta P PSI <sub>g</sub>	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
49.00	1746.4	1175.5	141.51		
49.25	1745.8	1174.9	141.51		
49.50	1747.1	1176.2	141.52		
49.75	1739.9	1169.0	141.53		
50.00	1825.5	1254.6	141.54		
50.25	1900.7	1329.8	141.53		
50.50	1948.1	1377.2	141.54		
50.75	1978.8	1407.9	141.53		
51.00	1997.1	1426.2	141.54		
51.25	1999.9	1429.0	141.54		
51.50	1911.7	1340.8	141.54		
51.75	1788.2	1217.3	141.53		
52.00	1717.5	1146.7	141.54		
52.25	1765.4	1194.5	141.53		
52.50	1793.0	1222.1	141.51		
52.75	1808.2	1237.3	141.51		
53.00	1819.4	1248.5	141.50		
53.25	1849.8	1278.9	141.50		
53.50	1887.8	1316.9	141.49		
53.75	1915.1	1344.2	141.49		
54.00	1933.1	1362.2	141.49		
54.25	1946.9	1376.1	141.48		
54.50	1958.9	1388.0	141.49		
54.75	1968.6	1397.7	141.49		
55.00	1974.1	1403.2	141.49		
55.25	1979.7	1408.8	141.49		
55.50	1984.5	1413.6	141.48		
55.75	1987.7	1416.8	141.49		
56.00	1990.3	1419.4	141.48		
56.25	1980.4	1409.5	141.48		
56.50	1973.8	1402.9	141.48		
56.75	1970.3	1399.4	141.48		
57.00	1972.0	1401.2	141.49		
57.25	2003.8	1432.9	141.50		
57.50	2027.7	1456.8	141.50		
57.75	2043.4	1472.5	141.50		
58.00	2050.6	1479.7	141.50		
58.25	2054.1	1483.2	141.51		
58.50	2056.6	1485.7	141.52		
58.75	2057.4	1486.6	141.53		
59.00	2062.3	1491.4	141.53		
59.25	2068.4	1497.5	141.54		
59.50	1275.9	705.0	141.51		
59.75	1048.7	477.8	141.56		
60.00	1430.7	859.8	141.57		
60.25	1658.4	1087.5	141.56		
60.50	1780.1	1209.2	141.55		
60.75	1884.1	1313.3	141.55		
61.00	1953.8	1382.9	141.55		
61.25	1340.9	770.0	141.53		
61.50	1098.1	527.2	141.55		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

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Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
61.75	950.0	379.2	141.55		
62.00	1332.2	761.3	141.56		
62.25	1579.3	1008.4	141.55		
62.50	1740.2	1169.3	141.53		
62.75	1825.1	1254.2	141.52		
63.00	1854.0	1283.1	141.52		
63.25	1896.4	1325.5	141.51		
63.50	1772.2	1201.3	141.51		
63.75	1825.2	1254.4	141.52		
64.00	1857.0	1286.2	141.53		
64.25	1863.3	1292.4	141.53		
64.50	1931.6	1360.8	141.54		
64.75	1991.5	1420.6	141.54		
65.00	1651.9	1081.0	141.53		
65.25	1313.5	742.6	141.55		
65.50	1243.3	672.5	141.56		
65.75	1432.6	861.7	141.57		
66.00	1657.3	1086.4	141.57		
66.25	1748.2	1177.3	141.56		
66.50	1858.3	1287.4	141.56		
66.75	1933.3	1362.5	141.56		
67.00	1985.7	1414.8	141.56		
67.25	1543.7	972.9	141.54		
67.50	1009.8	438.9	141.56		
67.75	824.4	253.6	141.56		
68.00	983.9	413.0	141.58		
68.25	1084.8	513.9	141.57		
68.50	1407.3	836.4	141.56		
68.75	1619.3	1048.4	141.56		
69.00	1760.1	1189.2	141.55		
69.25	1856.0	1285.1	141.54		
69.50	1870.4	1299.5	141.53		
69.75	1932.8	1362.0	141.55		
70.00	1904.3	1333.5	141.55		
70.25	1971.7	1400.8	141.55		
70.50	1986.3	1415.4	141.57		
70.75	1367.1	796.2	141.58		
71.00	1328.9	758.0	141.60		
71.25	1608.0	1037.1	141.60		
71.50	1769.4	1198.5	141.61		
71.75	1872.6	1301.7	141.61		
72.00	1942.3	1371.4	141.62		
72.25	1991.6	1420.7	141.62		
72.50	1969.6	1398.7	141.63		
72.75	1320.3	749.4	141.64		
73.00	1092.5	521.6	141.65		
73.25	1245.1	674.3	141.67		
73.50	1260.1	689.2	141.64		
73.75	1039.7	468.8	141.66		
74.00	984.4	413.5	141.65		
74.25	1350.4	779.6	141.67		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

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Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
74.50	1584.0	1013.1	141.65		
74.75	1737.4	1166.6	141.66		
75.00	1840.7	1269.9	141.64		
75.25	1912.5	1341.7	141.65		
75.50	1962.4	1391.5	141.66		
75.75	1998.7	1427.9	141.66		
76.00	2027.0	1456.2	141.67		
76.25	2049.4	1478.5	141.68		
76.50	2066.9	1496.0	141.69		
76.75	2081.0	1510.1	141.71		
77.00	2092.5	1521.6	141.71		
77.25	2101.9	1531.0	141.72		
77.50	2107.5	1536.6	141.73		
77.75	2112.5	1541.6	141.75		
78.00	1593.4	1022.5	141.76		
78.25	1185.6	614.7	141.77		
78.50	1013.8	443.0	141.78		
78.75	936.3	365.5	141.80		
79.00	1280.3	709.4	141.81		
79.25	1329.9	759.0	141.81		
79.50	1580.9	1010.0	141.79		
79.75	1510.7	939.8	141.78		
80.00	1131.7	560.8	141.78		
80.25	1142.9	572.0	141.79		
80.50	1431.4	860.5	141.81		
80.75	1643.2	1072.3	141.80		
81.00	1779.7	1208.8	141.81		
81.25	1871.8	1300.9	141.80		
81.50	1936.0	1365.1	141.81		
81.75	1981.6	1410.7	141.82		
82.00	2016.6	1445.7	141.84		
82.25	2043.5	1472.7	141.86		
82.50	1596.8	1025.9	141.85		
82.75	1122.5	551.7	141.88		
83.00	948.4	377.6	141.89		
83.25	1193.4	622.6	141.92		
83.50	1490.2	919.3	141.92		
83.75	1681.1	1110.2	141.90		
84.00	1806.6	1235.7	141.91		
84.25	1884.7	1313.8	141.93		
84.50	1892.0	1321.1	141.93		
84.75	1848.0	1277.2	141.94		
85.00	1818.5	1247.6	141.96		
85.25	1865.5	1294.6	141.97		
85.50	1890.2	1319.3	141.97		
85.75	1884.0	1313.1	142.00		
86.00	1959.9	1389.1	142.01		
86.25	2006.2	1435.3	142.03		
86.50	1867.6	1296.7	142.04		
86.75	1930.3	1359.4	142.05		
87.00	1965.4	1394.5	142.06		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

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	Time	Pressure PSIg	delta P PSIg	P	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
	87.25	1987.9	1417.0		142.07		
	87.50	2003.5	1432.6		142.09		
	87.75	2014.9	1444.0		142.11		
***** End Flow 2	88.00	2021.5	1450.7		142.11		
***** Start Shutin 2	0.00	2021.5	0.0		142.11	0.0000	4.087
	0.25	168.6	-1852.9		142.16	477.0000	0.028
	0.50	238.8	-1782.7		142.15	239.0000	0.057
	0.75	303.7	-1717.8		142.14	159.6667	0.092
	1.00	381.2	-1640.4		142.12	120.0000	0.145
	1.25	481.1	-1540.4		142.10	96.2000	0.231
	1.50	616.1	-1405.5		142.07	80.3333	0.380
	1.75	801.3	-1220.2		142.03	69.0000	0.642
	2.00	1036.4	-985.2		142.02	60.5000	1.074
	2.25	1278.2	-743.3		142.00	53.8889	1.634
	2.50	1482.1	-539.4		141.98	48.6000	2.197
	2.75	1637.4	-384.2		141.96	44.2727	2.681
	3.00	1751.4	-270.1		141.97	40.6667	3.067
	3.25	1834.9	-186.6		141.97	37.6154	3.367
	3.50	1897.0	-124.5		141.98	35.0000	3.599
	3.75	1944.0	-77.5		141.98	32.7333	3.779
	4.00	1980.6	-41.0		142.01	30.7500	3.923
	4.25	2009.5	-12.1		142.03	29.0000	4.038
	4.50	2032.7	11.2		142.05	27.4444	4.132
	4.75	2051.8	30.3		142.07	26.0526	4.210
	5.00	2067.7	46.1		142.09	24.8000	4.275
	5.25	2081.0	59.5		142.10	23.6667	4.331
	5.50	2092.5	70.9		142.13	22.6364	4.378
	5.75	2102.4	80.9		142.14	21.6957	4.420
	6.00	2111.1	89.5		142.16	20.8333	4.457
	6.25	2118.7	97.2		142.18	20.0400	4.489
	6.50	2125.6	104.0		142.19	19.3077	4.518
	6.75	2131.6	110.1		142.21	18.6296	4.544
	7.00	2137.1	115.6		142.23	18.0000	4.567
	7.25	2142.1	120.6		142.24	17.4138	4.589
	7.50	2146.7	125.1		142.25	16.8667	4.608
	7.75	2150.7	129.2		142.27	16.3548	4.626
	8.00	2154.6	133.1		142.29	15.8750	4.642
	8.25	2158.1	136.6		142.29	15.4242	4.658
	8.50	2161.4	139.9		142.31	15.0000	4.672
	8.75	2164.5	143.0		142.33	14.6000	4.685
	9.00	2167.4	145.9		142.33	14.2222	4.698
	9.25	2170.1	148.6		142.34	13.8649	4.709
	9.50	2172.7	151.1		142.35	13.5263	4.720
	9.75	2175.0	153.5		142.36	13.2051	4.731
	10.00	2177.3	155.8		142.37	12.9000	4.741
	10.25	2179.4	157.9		142.38	12.6098	4.750
	10.50	2181.5	159.9		142.39	12.3333	4.759
	10.75	2183.4	161.9		142.39	12.0698	4.767
	11.00	2185.2	163.7		142.40	11.8182	4.775
	11.25	2187.0	165.4		142.41	11.5778	4.783
	11.50	2188.6	167.1		142.41	11.3478	4.790

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Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
11.75	2190.2	168.7	142.41	11.1277	4.797
12.00	2191.8	170.3	142.43	10.9167	4.804
12.25	2193.3	171.7	142.43	10.7143	4.810
12.50	2194.7	173.1	142.43	10.5200	4.817
12.75	2196.1	174.5	142.43	10.3333	4.823
13.00	2197.4	175.8	142.44	10.1538	4.828
13.25	2198.6	177.1	142.45	9.9811	4.834
13.50	2199.8	178.3	142.45	9.8148	4.839
13.75	2201.0	179.5	142.45	9.6545	4.844
14.00	2202.2	180.6	142.45	9.5000	4.850
14.25	2203.3	181.7	142.46	9.3509	4.854
14.50	2204.3	182.8	142.46	9.2069	4.859
14.75	2205.4	183.9	142.46	9.0678	4.864
15.00	2206.3	184.8	142.47	8.9333	4.868
15.25	2207.3	185.8	142.48	8.8033	4.872
15.50	2208.3	186.8	142.48	8.6774	4.877
15.75	2209.2	187.7	142.48	8.5556	4.881
16.00	2210.1	188.6	142.49	8.4375	4.885
16.25	2211.0	189.5	142.48	8.3231	4.888
16.50	2211.8	190.3	142.48	8.2121	4.892
16.75	2212.7	191.1	142.48	8.1045	4.896
17.00	2213.5	191.9	142.49	8.0000	4.899
17.25	2214.2	192.7	142.49	7.8986	4.903
17.50	2215.0	193.5	142.50	7.8000	4.906
17.75	2215.7	194.2	142.50	7.7042	4.909
18.00	2216.5	194.9	142.50	7.6111	4.913
18.25	2217.2	195.6	142.51	7.5205	4.916
18.50	2217.9	196.3	142.51	7.4324	4.919
18.75	2218.6	197.0	142.52	7.3467	4.922
19.00	2219.2	197.7	142.52	7.2632	4.925
19.25	2219.9	198.3	142.52	7.1818	4.928
19.50	2220.5	199.0	142.52	7.1026	4.931
19.75	2221.1	199.6	142.52	7.0253	4.933
20.00	2221.7	200.2	142.53	6.9500	4.936
20.25	2222.4	200.8	142.53	6.8765	4.939
20.50	2222.9	201.4	142.53	6.8049	4.941
20.75	2223.5	202.0	142.54	6.7349	4.944
21.00	2224.1	202.5	142.53	6.6667	4.946
21.25	2224.6	203.1	142.54	6.6000	4.949
21.50	2225.2	203.6	142.55	6.5349	4.951
21.75	2225.7	204.1	142.54	6.4713	4.954
22.00	2226.2	204.7	142.53	6.4091	4.956
22.25	2226.7	205.2	142.54	6.3483	4.958
22.50	2227.2	205.7	142.53	6.2889	4.960
22.75	2227.7	206.2	142.54	6.2308	4.963
23.00	2228.2	206.6	142.54	6.1739	4.965
23.25	2228.7	207.1	142.54	6.1183	4.967
23.50	2229.1	207.6	142.53	6.0638	4.969
23.75	2229.6	208.1	142.55	6.0105	4.971
24.00	2230.1	208.5	142.55	5.9583	4.973
24.25	2230.5	209.0	142.55	5.9072	4.975

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24.50	2230.9	209.4	142.54	5.8571	4.977
24.75	2231.4	209.8	142.55	5.8081	4.979
25.00	2231.8	210.3	142.55	5.7600	4.981
25.25	2232.2	210.7	142.55	5.7129	4.983
25.50	2232.6	211.1	142.56	5.6667	4.985
25.75	2233.0	211.5	142.55	5.6214	4.986
26.00	2233.4	211.9	142.56	5.5769	4.988
26.25	2233.8	212.3	142.57	5.5333	4.990
26.50	2234.2	212.7	142.56	5.4906	4.992
26.75	2234.6	213.1	142.56	5.4486	4.994
27.00	2235.0	213.5	142.57	5.4074	4.995
27.25	2235.3	213.8	142.56	5.3670	4.997
27.50	2235.7	214.2	142.57	5.3273	4.998
27.75	2236.1	214.6	142.57	5.2883	5.000
28.00	2236.4	214.9	142.57	5.2500	5.002
28.25	2236.8	215.3	142.57	5.2124	5.003
28.50	2237.1	215.6	142.57	5.1754	5.005
28.75	2237.5	216.0	142.57	5.1391	5.006
29.00	2237.8	216.3	142.58	5.1034	5.008
29.25	2238.1	216.6	142.57	5.0684	5.009
29.50	2238.5	216.9	142.57	5.0339	5.011
29.75	2238.8	217.3	142.57	5.0000	5.012
30.00	2239.1	217.6	142.56	4.9667	5.014
30.25	2239.4	217.9	142.57	4.9339	5.015
30.50	2239.7	218.2	142.57	4.9016	5.016
30.75	2240.1	218.5	142.57	4.8699	5.018
31.00	2240.4	218.8	142.58	4.8387	5.019
31.25	2240.6	219.1	142.57	4.8080	5.020
31.50	2241.0	219.4	142.57	4.7778	5.022
31.75	2241.3	219.7	142.57	4.7480	5.023
32.00	2241.5	220.0	142.57	4.7188	5.024
32.25	2241.8	220.3	142.57	4.6899	5.026
32.50	2242.1	220.6	142.57	4.6615	5.027
32.75	2242.4	220.8	142.57	4.6336	5.028
33.00	2242.7	221.1	142.57	4.6061	5.030
33.25	2242.9	221.4	142.57	4.5789	5.031
33.50	2243.2	221.7	142.57	4.5522	5.032
33.75	2243.5	221.9	142.57	4.5259	5.033
34.00	2243.7	222.2	142.57	4.5000	5.034
34.25	2244.0	222.5	142.56	4.4745	5.036
34.50	2244.2	222.7	142.55	4.4493	5.037
34.75	2244.5	223.0	142.56	4.4245	5.038
35.00	2244.7	223.2	142.57	4.4000	5.039
35.25	2245.0	223.5	142.56	4.3759	5.040
35.50	2245.3	223.7	142.56	4.3521	5.041
35.75	2245.5	224.0	142.57	4.3287	5.042
36.00	2245.8	224.2	142.56	4.3056	5.044
36.25	2246.0	224.5	142.56	4.2828	5.045
36.50	2246.2	224.7	142.57	4.2603	5.046
36.75	2246.5	224.9	142.57	4.2381	5.047
37.00	2246.7	225.2	142.57	4.2162	5.048

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

DATE: 11/13/97

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Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
37.25	2246.9	225.4	142.57	4.1946	5.049
37.50	2247.2	225.6	142.57	4.1733	5.050
37.75	2247.4	225.9	142.58	4.1523	5.051
38.00	2247.6	226.1	142.58	4.1316	5.052
38.25	2247.9	226.3	142.58	4.1111	5.053
38.50	2248.1	226.5	142.57	4.0909	5.054
38.75	2248.3	226.7	142.58	4.0710	5.055
39.00	2248.5	226.9	142.57	4.0513	5.056
39.25	2248.7	227.1	142.58	4.0318	5.057
39.50	2248.9	227.4	142.57	4.0127	5.058
39.75	2249.1	227.6	142.58	3.9937	5.059
40.00	2249.3	227.8	142.58	3.9750	5.060
40.25	2249.5	228.0	142.58	3.9565	5.060
40.50	2249.7	228.2	142.58	3.9383	5.061
40.75	2249.9	228.4	142.58	3.9202	5.062
41.00	2250.2	228.6	142.58	3.9024	5.063
41.25	2250.4	228.8	142.59	3.8848	5.064
41.50	2250.6	229.1	142.58	3.8675	5.065
41.75	2250.8	229.2	142.57	3.8503	5.066
42.00	2251.0	229.5	142.59	3.8333	5.067
42.25	2251.1	229.6	142.58	3.8166	5.068
42.50	2251.4	229.8	142.58	3.8000	5.069
42.75	2251.6	230.0	142.59	3.7836	5.070
43.00	2251.7	230.2	142.58	3.7674	5.070
43.25	2251.9	230.4	142.57	3.7514	5.071
43.50	2252.1	230.6	142.58	3.7356	5.072
43.75	2252.3	230.8	142.57	3.7200	5.073
44.00	2252.5	231.0	142.58	3.7045	5.074
44.25	2252.7	231.1	142.57	3.6893	5.075
44.50	2252.8	231.3	142.57	3.6742	5.075
44.75	2253.0	231.5	142.57	3.6592	5.076
45.00	2253.2	231.7	142.57	3.6444	5.077
45.25	2253.4	231.9	142.56	3.6298	5.078
45.50	2253.6	232.0	142.56	3.6154	5.079
45.75	2253.7	232.2	142.57	3.6011	5.079
46.00	2253.9	232.4	142.56	3.5870	5.080
46.25	2254.1	232.6	142.56	3.5730	5.081
46.50	2254.2	232.7	142.55	3.5591	5.082
46.75	2254.5	232.9	142.56	3.5455	5.083
47.00	2254.6	233.1	142.55	3.5319	5.083
47.25	2254.8	233.2	142.54	3.5185	5.084
47.50	2254.9	233.4	142.54	3.5053	5.085
47.75	2255.1	233.6	142.53	3.4921	5.085
48.00	2255.3	233.7	142.54	3.4792	5.086
48.25	2255.4	233.9	142.53	3.4663	5.087
48.50	2255.6	234.0	142.53	3.4536	5.088
48.75	2255.8	234.2	142.53	3.4410	5.088
49.00	2255.9	234.4	142.52	3.4286	5.089
49.25	2256.1	234.5	142.52	3.4162	5.090
49.50	2256.2	234.7	142.53	3.4040	5.091
49.75	2256.4	234.8	142.52	3.3920	5.091

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

DATE: 11/13/97

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Time	Pressure PSIg	delta P PSIg	P	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
50.00	2256.5	235.0	142.52	142.52	3.3800	5.092
50.25	2256.7	235.1	142.53	142.53	3.3682	5.093
50.50	2256.8	235.3	142.53	142.53	3.3564	5.093
50.75	2257.0	235.5	142.54	142.54	3.3448	5.094
51.00	2257.2	235.6	142.53	142.53	3.3333	5.095
51.25	2257.3	235.7	142.53	142.53	3.3220	5.095
51.50	2257.5	235.9	142.53	142.53	3.3107	5.096
51.75	2257.6	236.1	142.53	142.53	3.2995	5.097
52.00	2257.7	236.2	142.55	142.55	3.2885	5.097
52.25	2257.9	236.4	142.54	142.54	3.2775	5.098
52.50	2258.0	236.5	142.53	142.53	3.2667	5.099
52.75	2258.2	236.6	142.53	142.53	3.2559	5.099
53.00	2258.3	236.8	142.53	142.53	3.2453	5.100
53.25	2258.5	236.9	142.55	142.55	3.2347	5.101
53.50	2258.6	237.1	142.54	142.54	3.2243	5.101
53.75	2258.7	237.2	142.53	142.53	3.2140	5.102
54.00	2258.9	237.3	142.53	142.53	3.2037	5.103
54.25	2259.0	237.5	142.53	142.53	3.1935	5.103
54.50	2259.2	237.6	142.53	142.53	3.1835	5.104
54.75	2259.3	237.7	142.53	142.53	3.1735	5.104
55.00	2259.4	237.9	142.53	142.53	3.1636	5.105
55.25	2259.5	238.0	142.53	142.53	3.1538	5.106
55.50	2259.7	238.2	142.53	142.53	3.1441	5.106
55.75	2259.8	238.3	142.53	142.53	3.1345	5.107
56.00	2260.0	238.4	142.53	142.53	3.1250	5.107
56.25	2260.1	238.5	142.53	142.53	3.1156	5.108
56.50	2260.2	238.7	142.53	142.53	3.1062	5.108
56.75	2260.3	238.8	142.54	142.54	3.0969	5.109
57.00	2260.5	238.9	142.53	142.53	3.0877	5.110
57.25	2260.6	239.0	142.52	142.52	3.0786	5.110
57.50	2260.7	239.2	142.52	142.52	3.0696	5.111
57.75	2260.9	239.3	142.52	142.52	3.0606	5.111
58.00	2261.0	239.4	142.52	142.52	3.0517	5.112
58.25	2261.1	239.6	142.52	142.52	3.0429	5.113
58.50	2261.2	239.7	142.52	142.52	3.0342	5.113
58.75	2261.4	239.8	142.52	142.52	3.0255	5.114
59.00	2261.5	239.9	142.51	142.51	3.0169	5.114
59.25	2261.6	240.1	142.51	142.51	3.0084	5.115
59.50	2261.7	240.2	142.51	142.51	3.0000	5.115
59.75	2261.9	240.3	142.51	142.51	2.9916	5.116
60.00	2262.0	240.4	142.51	142.51	2.9833	5.116
60.25	2262.1	240.5	142.52	142.52	2.9751	5.117
60.50	2262.2	240.7	142.52	142.52	2.9669	5.118
60.75	2262.3	240.8	142.52	142.52	2.9588	5.118
61.00	2262.5	240.9	142.53	142.53	2.9508	5.119
61.25	2262.6	241.0	142.53	142.53	2.9429	5.119
61.50	2262.7	241.1	142.52	142.52	2.9350	5.120
61.75	2262.8	241.2	142.53	142.53	2.9271	5.120
62.00	2262.9	241.4	142.52	142.52	2.9194	5.121
62.25	2263.0	241.5	142.52	142.52	2.9116	5.121
62.50	2263.1	241.6	142.52	142.52	2.9040	5.122

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

DATE: 11/13/97

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Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
62.75	2263.2	241.7	142.52	2.8964	5.122
63.00	2263.3	241.8	142.51	2.8889	5.123
63.25	2263.5	241.9	142.52	2.8814	5.123
63.50	2263.6	242.0	142.53	2.8740	5.124
63.75	2263.7	242.1	142.52	2.8667	5.124
64.00	2263.8	242.2	142.52	2.8594	5.125
64.25	2263.9	242.4	142.52	2.8521	5.125
64.50	2264.0	242.5	142.52	2.8450	5.126
64.75	2264.1	242.6	142.52	2.8378	5.126
65.00	2264.2	242.7	142.53	2.8308	5.127
65.25	2264.4	242.8	142.52	2.8238	5.127
65.50	2264.4	242.9	142.52	2.8168	5.128
65.75	2264.5	243.0	142.53	2.8099	5.128
66.00	2264.7	243.2	142.53	2.8030	5.129
66.25	2264.8	243.3	142.54	2.7962	5.129
66.50	2264.9	243.4	142.53	2.7895	5.130
66.75	2265.0	243.5	142.53	2.7828	5.130
67.00	2265.1	243.6	142.52	2.7761	5.131
67.25	2265.2	243.7	142.53	2.7695	5.131
67.50	2265.3	243.8	142.54	2.7630	5.132
67.75	2265.4	243.9	142.53	2.7565	5.132
68.00	2265.5	244.0	142.54	2.7500	5.133
68.25	2265.6	244.1	142.55	2.7436	5.133
68.50	2265.7	244.2	142.54	2.7372	5.133
68.75	2265.8	244.3	142.54	2.7309	5.134
69.00	2265.9	244.4	142.55	2.7246	5.134
69.25	2266.0	244.5	142.55	2.7184	5.135
69.50	2266.1	244.6	142.55	2.7122	5.135
69.75	2266.2	244.7	142.55	2.7061	5.136
70.00	2266.3	244.8	142.55	2.7000	5.136
70.25	2266.4	244.9	142.56	2.6940	5.137
70.50	2266.5	245.0	142.56	2.6879	5.137
70.75	2266.6	245.1	142.56	2.6820	5.137
71.00	2266.7	245.2	142.57	2.6761	5.138
71.25	2266.8	245.3	142.56	2.6702	5.138
71.50	2266.9	245.4	142.56	2.6643	5.139
71.75	2267.0	245.5	142.57	2.6585	5.139
72.00	2267.1	245.6	142.57	2.6528	5.140
72.25	2267.2	245.6	142.57	2.6471	5.140
72.50	2267.3	245.8	142.58	2.6414	5.141
72.75	2267.4	245.8	142.57	2.6357	5.141
73.00	2267.5	245.9	142.57	2.6301	5.141
73.25	2267.5	246.0	142.58	2.6246	5.142
73.50	2267.6	246.1	142.57	2.6190	5.142
73.75	2267.7	246.2	142.58	2.6136	5.143
74.00	2267.9	246.3	142.59	2.6081	5.143
74.25	2267.9	246.4	142.59	2.6027	5.144
74.50	2268.0	246.5	142.58	2.5973	5.144
74.75	2268.1	246.6	142.58	2.5920	5.144
75.00	2268.2	246.7	142.58	2.5867	5.145
75.25	2268.3	246.8	142.58	2.5814	5.145

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

DATE: 11/13/97

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Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
75.50	2268.4	246.9	142.60	2.5762	5.146
75.75	2268.4	246.9	142.59	2.5710	5.146
76.00	2268.5	247.0	142.59	2.5658	5.146
76.25	2268.6	247.1	142.59	2.5607	5.147
76.50	2268.7	247.2	142.59	2.5556	5.147
76.75	2268.8	247.3	142.59	2.5505	5.147
77.00	2268.9	247.4	142.59	2.5455	5.148
77.25	2269.0	247.4	142.58	2.5405	5.148
77.50	2269.1	247.5	142.59	2.5355	5.149
77.75	2269.2	247.6	142.59	2.5305	5.149
78.00	2269.3	247.7	142.59	2.5256	5.150
78.25	2269.3	247.8	142.58	2.5208	5.150
78.50	2269.4	247.9	142.59	2.5159	5.150
78.75	2269.5	248.0	142.60	2.5111	5.151
79.00	2269.6	248.1	142.59	2.5063	5.151
79.25	2269.7	248.1	142.60	2.5016	5.151
79.50	2269.7	248.2	142.60	2.4969	5.152
79.75	2269.8	248.3	142.59	2.4922	5.152
80.00	2269.9	248.4	142.59	2.4875	5.153
80.25	2270.0	248.5	142.60	2.4829	5.153
80.50	2270.1	248.6	142.60	2.4783	5.153
80.75	2270.2	248.6	142.59	2.4737	5.154
81.00	2270.3	248.7	142.61	2.4691	5.154
81.25	2270.3	248.8	142.60	2.4646	5.154
81.50	2270.4	248.9	142.60	2.4601	5.155
81.75	2270.5	249.0	142.60	2.4557	5.155
82.00	2270.6	249.0	142.59	2.4512	5.155
82.25	2270.7	249.1	142.60	2.4468	5.156
82.50	2270.7	249.2	142.60	2.4424	5.156
82.75	2270.8	249.3	142.62	2.4381	5.157
83.00	2270.9	249.4	142.61	2.4337	5.157
83.25	2271.0	249.4	142.60	2.4294	5.157
83.50	2271.0	249.5	142.61	2.4251	5.158
83.75	2271.1	249.6	142.61	2.4209	5.158
84.00	2271.2	249.7	142.61	2.4167	5.158
84.25	2271.3	249.8	142.61	2.4125	5.159
84.50	2271.4	249.8	142.61	2.4083	5.159
84.75	2271.4	249.9	142.61	2.4041	5.159
85.00	2271.5	250.0	142.61	2.4000	5.160
85.25	2271.6	250.1	142.61	2.3959	5.160
85.50	2271.7	250.1	142.61	2.3918	5.161
85.75	2271.8	250.2	142.62	2.3878	5.161
86.00	2271.8	250.3	142.61	2.3837	5.161
86.25	2271.9	250.4	142.61	2.3797	5.162
86.50	2272.0	250.4	142.62	2.3757	5.162
86.75	2272.1	250.5	142.62	2.3718	5.162
87.00	2272.1	250.6	142.63	2.3678	5.163
87.25	2272.2	250.7	142.63	2.3639	5.163
87.50	2272.3	250.7	142.63	2.3600	5.163
87.75	2272.3	250.8	142.62	2.3561	5.164
88.00	2272.4	250.9	142.63	2.3523	5.164

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
88.25	2272.5	250.9	142.63	2.3484	5.164
88.50	2272.6	251.0	142.64	2.3446	5.165
88.75	2272.7	251.1	142.64	2.3408	5.165
89.00	2272.7	251.2	142.64	2.3371	5.165
89.25	2272.8	251.3	142.64	2.3333	5.166
89.50	2272.8	251.3	142.63	2.3296	5.166
89.75	2272.9	251.4	142.64	2.3259	5.166
90.00	2273.0	251.5	142.64	2.3222	5.167
90.25	2273.1	251.5	142.65	2.3186	5.167
90.50	2273.1	251.6	142.64	2.3149	5.167
90.75	2273.2	251.7	142.64	2.3113	5.167
91.00	2273.3	251.7	142.65	2.3077	5.168
91.25	2273.4	251.8	142.65	2.3041	5.168
91.50	2273.4	251.9	142.64	2.3005	5.168
91.75	2273.5	251.9	142.64	2.2970	5.169
92.00	2273.6	252.0	142.65	2.2935	5.169
92.25	2273.6	252.1	142.66	2.2900	5.169
92.50	2273.7	252.2	142.65	2.2865	5.170
92.75	2273.8	252.2	142.66	2.2830	5.170
93.00	2273.8	252.3	142.65	2.2796	5.170
93.25	2273.9	252.4	142.65	2.2761	5.171
93.50	2274.0	252.4	142.66	2.2727	5.171
93.75	2274.0	252.5	142.65	2.2693	5.171
94.00	2274.1	252.6	142.66	2.2660	5.172
94.25	2274.2	252.6	142.66	2.2626	5.172
94.50	2274.2	252.7	142.66	2.2593	5.172
94.75	2274.3	252.8	142.66	2.2559	5.173
95.00	2274.4	252.8	142.67	2.2526	5.173
95.25	2274.4	252.9	142.67	2.2493	5.173
95.50	2274.5	253.0	142.67	2.2461	5.173
95.75	2274.6	253.0	142.67	2.2428	5.174
96.00	2274.7	253.1	142.67	2.2396	5.174
96.25	2274.7	253.2	142.67	2.2364	5.174
96.50	2274.8	253.2	142.67	2.2332	5.175
96.75	2274.8	253.3	142.67	2.2300	5.175
97.00	2274.9	253.4	142.67	2.2268	5.175
97.25	2275.0	253.4	142.67	2.2237	5.176
97.50	2275.0	253.5	142.67	2.2205	5.176
97.75	2275.1	253.5	142.66	2.2174	5.176
98.00	2275.2	253.6	142.67	2.2143	5.176
98.25	2275.3	253.7	142.67	2.2112	5.177
98.50	2275.3	253.8	142.67	2.2081	5.177
98.75	2275.4	253.8	142.67	2.2051	5.177
99.00	2275.4	253.9	142.67	2.2020	5.178
99.25	2275.5	253.9	142.67	2.1990	5.178
99.50	2275.6	254.0	142.68	2.1960	5.178
99.75	2275.6	254.1	142.67	2.1930	5.179
100.00	2275.7	254.2	142.67	2.1900	5.179
100.25	2275.7	254.2	142.67	2.1870	5.179
100.50	2275.8	254.3	142.67	2.1841	5.179
100.75	2275.9	254.4	142.67	2.1811	5.180

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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101.00	2275.9	254.4	142.66	2.1782	5.180
101.25	2276.0	254.5	142.67	2.1753	5.180
101.50	2276.1	254.5	142.67	2.1724	5.180
101.75	2276.2	254.6	142.67	2.1695	5.181
102.00	2276.2	254.6	142.67	2.1667	5.181
102.25	2276.2	254.7	142.66	2.1638	5.181
102.50	2276.3	254.8	142.66	2.1610	5.182
102.75	2276.4	254.8	142.66	2.1582	5.182
103.00	2276.4	254.9	142.65	2.1553	5.182
103.25	2276.5	254.9	142.66	2.1525	5.182
103.50	2276.5	255.0	142.66	2.1498	5.183
103.75	2276.6	255.1	142.66	2.1470	5.183
104.00	2276.7	255.1	142.66	2.1442	5.183
104.25	2276.7	255.2	142.66	2.1415	5.184
104.50	2276.8	255.3	142.67	2.1388	5.184
104.75	2276.9	255.3	142.67	2.1360	5.184
105.00	2276.9	255.4	142.68	2.1333	5.184
105.25	2277.0	255.4	142.67	2.1306	5.185
105.50	2277.0	255.5	142.67	2.1280	5.185
105.75	2277.1	255.6	142.68	2.1253	5.185
106.00	2277.2	255.6	142.68	2.1226	5.185
106.25	2277.2	255.7	142.69	2.1200	5.186
106.50	2277.3	255.7	142.67	2.1174	5.186
106.75	2277.3	255.8	142.68	2.1148	5.186
107.00	2277.4	255.9	142.68	2.1121	5.187
107.25	2277.4	255.9	142.67	2.1096	5.187
107.50	2277.5	256.0	142.69	2.1070	5.187
107.75	2277.5	256.0	142.69	2.1044	5.187
108.00	2277.6	256.1	142.69	2.1019	5.187
108.25	2277.7	256.1	142.69	2.0993	5.188
108.50	2277.7	256.2	142.69	2.0968	5.188
108.75	2277.8	256.2	142.69	2.0943	5.188
109.00	2277.8	256.3	142.69	2.0917	5.188
109.25	2277.9	256.4	142.69	2.0892	5.189
109.50	2277.9	256.4	142.70	2.0868	5.189
109.75	2278.0	256.5	142.70	2.0843	5.189
110.00	2278.0	256.5	142.70	2.0818	5.189
110.25	2278.1	256.6	142.71	2.0794	5.190
110.50	2278.2	256.6	142.71	2.0769	5.190
110.75	2278.2	256.7	142.71	2.0745	5.190
111.00	2278.3	256.7	142.71	2.0721	5.190
111.25	2278.3	256.8	142.71	2.0697	5.191
111.50	2278.4	256.8	142.72	2.0673	5.191
111.75	2278.5	256.9	142.72	2.0649	5.191
112.00	2278.5	257.0	142.71	2.0625	5.192
112.25	2278.6	257.1	142.72	2.0601	5.192
112.50	2278.6	257.1	142.73	2.0578	5.192
112.75	2278.7	257.2	142.73	2.0554	5.192
113.00	2278.7	257.2	142.74	2.0531	5.193
113.25	2278.8	257.3	142.73	2.0508	5.193
113.50	2278.9	257.3	142.74	2.0485	5.193

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 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

DATE: 11/13/97

TIME: 05:54:03  
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Time	Pressure PSI <sub>g</sub>	delta P PSI <sub>g</sub>	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
113.75	2278.9	257.4	142.75	2.0462	5.194
114.00	2279.0	257.5	142.75	2.0439	5.194
114.25	2279.1	257.5	142.74	2.0416	5.194
114.50	2279.1	257.6	142.74	2.0393	5.194
114.75	2279.2	257.7	142.74	2.0370	5.195
115.00	2279.2	257.7	142.74	2.0348	5.195
115.25	2279.3	257.8	142.75	2.0325	5.195
115.50	2279.3	257.8	142.75	2.0303	5.195
115.75	2279.4	257.9	142.76	2.0281	5.196
116.00	2279.5	258.0	142.76	2.0259	5.196
116.25	2279.5	258.0	142.76	2.0237	5.196
116.50	2279.6	258.1	142.76	2.0215	5.197
116.75	2279.6	258.1	142.76	2.0193	5.197
117.00	2279.7	258.2	142.76	2.0171	5.197
117.25	2279.8	258.2	142.77	2.0149	5.197
117.50	2279.8	258.3	142.77	2.0128	5.198
117.75	2279.9	258.4	142.77	2.0106	5.198
118.00	2279.9	258.4	142.78	2.0085	5.198
118.25	2280.0	258.5	142.78	2.0063	5.198
118.50	2280.1	258.5	142.79	2.0042	5.199
118.75	2280.1	258.6	142.77	2.0021	5.199
119.00	2280.2	258.6	142.78	2.0000	5.199
119.25	2280.2	258.7	142.77	1.9979	5.199
119.50	2280.3	258.7	142.78	1.9958	5.200
119.75	2280.3	258.8	142.78	1.9937	5.200
120.00	2280.4	258.9	142.79	1.9917	5.200
120.25	2280.4	258.9	142.78	1.9896	5.200
120.50	2280.5	259.0	142.79	1.9876	5.201
120.75	2280.5	259.0	142.79	1.9855	5.201
121.00	2280.6	259.1	142.80	1.9835	5.201
121.25	2280.7	259.2	142.80	1.9814	5.202
121.50	2280.7	259.2	142.79	1.9794	5.202
121.75	2280.8	259.3	142.80	1.9774	5.202
122.00	2280.8	259.3	142.81	1.9754	5.202
122.25	2280.9	259.4	142.79	1.9734	5.203
122.50	2280.9	259.4	142.80	1.9714	5.203
122.75	2281.0	259.5	142.81	1.9695	5.203
123.00	2281.0	259.5	142.81	1.9675	5.203
123.25	2281.1	259.6	142.80	1.9655	5.203
123.50	2281.1	259.6	142.81	1.9636	5.204
123.75	2281.2	259.7	142.80	1.9616	5.204
124.00	2281.2	259.7	142.81	1.9597	5.204
124.25	2281.3	259.8	142.81	1.9577	5.204
124.50	2281.4	259.9	142.82	1.9558	5.205
124.75	2281.4	259.9	142.82	1.9539	5.205
125.00	2281.5	260.0	142.81	1.9520	5.205
125.25	2281.5	260.0	142.82	1.9501	5.205
125.50	2281.6	260.0	142.82	1.9482	5.206
125.75	2281.6	260.1	142.82	1.9463	5.206
126.00	2281.7	260.1	142.82	1.9444	5.206
126.25	2281.7	260.2	142.83	1.9426	5.206

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

DATE: 11/13/97

TIME: 05:54:03

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
126.50	2281.8	260.3	142.84	1.9407	5.207
126.75	2281.8	260.3	142.84	1.9389	5.207
127.00	2281.9	260.3	142.84	1.9370	5.207
127.25	2281.9	260.4	142.83	1.9352	5.207
127.50	2282.0	260.4	142.83	1.9333	5.207
127.75	2282.0	260.5	142.85	1.9315	5.208
128.00	2282.1	260.5	142.85	1.9297	5.208
128.25	2282.1	260.6	142.84	1.9279	5.208
128.50	2282.1	260.6	142.84	1.9261	5.208
128.75	2282.2	260.7	142.85	1.9243	5.208
129.00	2282.2	260.7	142.85	1.9225	5.209
129.25	2282.3	260.8	142.86	1.9207	5.209
129.50	2282.3	260.8	142.86	1.9189	5.209
129.75	2282.4	260.9	142.85	1.9171	5.209
130.00	2282.4	260.9	142.86	1.9154	5.210
130.25	2282.5	261.0	142.87	1.9136	5.210
130.50	2282.5	261.0	142.87	1.9119	5.210
130.75	2282.6	261.1	142.87	1.9101	5.210
131.00	2282.6	261.1	142.87	1.9084	5.210
131.25	2282.7	261.2	142.88	1.9067	5.211
131.50	2282.7	261.2	142.89	1.9049	5.211
131.75	2282.8	261.3	142.89	1.9032	5.211
132.00	2282.8	261.3	142.89	1.9015	5.211
132.25	2282.9	261.4	142.90	1.8998	5.212
132.50	2282.9	261.4	142.90	1.8981	5.212
132.75	2283.0	261.4	142.90	1.8964	5.212
133.00	2283.0	261.5	142.90	1.8947	5.212
133.25	2283.1	261.5	142.90	1.8931	5.212
133.50	2283.1	261.6	142.91	1.8914	5.213
133.75	2283.1	261.6	142.91	1.8897	5.213
134.00	2283.2	261.7	142.92	1.8881	5.213
134.25	2283.2	261.7	142.91	1.8864	5.213
134.50	2283.3	261.8	142.92	1.8848	5.214
134.75	2283.3	261.8	142.91	1.8831	5.214
135.00	2283.4	261.9	142.93	1.8815	5.214
135.25	2283.4	261.9	142.92	1.8799	5.214
135.50	2283.5	261.9	142.91	1.8782	5.214
135.75	2283.5	262.0	142.92	1.8766	5.214
136.00	2283.5	262.0	142.91	1.8750	5.215
136.25	2283.6	262.1	142.92	1.8734	5.215
136.50	2283.7	262.1	142.93	1.8718	5.215
136.75	2283.7	262.2	142.92	1.8702	5.215
137.00	2283.8	262.2	142.93	1.8686	5.216
137.25	2283.8	262.2	142.94	1.8670	5.216
137.50	2283.8	262.3	142.93	1.8655	5.216
137.75	2283.9	262.4	142.93	1.8639	5.216
138.00	2283.9	262.4	142.94	1.8623	5.216
138.25	2284.0	262.4	142.94	1.8608	5.216
138.50	2284.0	262.5	142.94	1.8592	5.217
138.75	2284.0	262.5	142.94	1.8577	5.217
139.00	2284.1	262.6	142.95	1.8561	5.217

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

DATE: 11/13/97

TIME: 05:54:03

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
139.25	2284.2	262.6	142.95	1.8546	5.217
139.50	2284.2	262.6	142.94	1.8530	5.217
139.75	2284.2	262.7	142.95	1.8515	5.218
140.00	2284.3	262.7	142.95	1.8500	5.218
140.25	2284.3	262.8	142.94	1.8485	5.218
140.50	2284.4	262.8	142.95	1.8470	5.218
140.75	2284.4	262.9	142.96	1.8455	5.218
141.00	2284.4	262.9	142.96	1.8440	5.219
141.25	2284.5	263.0	142.95	1.8425	5.219
141.50	2284.5	263.0	142.96	1.8410	5.219
141.75	2284.5	263.0	142.96	1.8395	5.219
142.00	2284.6	263.1	142.96	1.8380	5.219
142.25	2284.6	263.1	142.96	1.8366	5.220
142.50	2284.7	263.1	142.95	1.8351	5.220
142.75	2284.7	263.2	142.96	1.8336	5.220
143.00	2284.8	263.2	142.96	1.8322	5.220
143.25	2284.8	263.3	142.97	1.8307	5.220
143.50	2284.8	263.3	142.97	1.8293	5.220
143.75	2284.9	263.3	142.96	1.8278	5.221
144.00	2284.9	263.4	142.97	1.8264	5.221
144.25	2285.0	263.4	142.97	1.8250	5.221
144.50	2285.0	263.5	142.97	1.8235	5.221
144.75	2285.0	263.5	142.97	1.8221	5.221
145.00	2285.1	263.6	142.98	1.8207	5.222
145.25	2285.1	263.6	142.98	1.8193	5.222
145.50	2285.2	263.7	142.98	1.8179	5.222
145.75	2285.2	263.7	142.97	1.8165	5.222
146.00	2285.2	263.7	142.97	1.8151	5.222
146.25	2285.3	263.7	142.98	1.8137	5.222
146.50	2285.3	263.8	142.98	1.8123	5.223
146.75	2285.4	263.8	142.98	1.8109	5.223
147.00	2285.4	263.9	142.98	1.8095	5.223
147.25	2285.4	263.9	142.99	1.8081	5.223
147.50	2285.5	263.9	142.99	1.8068	5.223
147.75	2285.5	263.9	142.99	1.8054	5.223
148.00	2285.5	264.0	142.99	1.8041	5.224
148.25	2285.5	264.0	143.00	1.8027	5.224
148.50	2285.6	264.1	143.00	1.8013	5.224
148.75	2285.6	264.1	143.01	1.8000	5.224
149.00	2285.7	264.1	143.00	1.7987	5.224
149.25	2285.7	264.2	143.00	1.7973	5.224
149.50	2285.8	264.2	143.00	1.7960	5.225
149.75	2285.8	264.3	143.01	1.7947	5.225
150.00	2285.8	264.3	143.01	1.7933	5.225
150.25	2285.9	264.3	143.01	1.7920	5.225
150.50	2285.9	264.4	143.01	1.7907	5.225
150.75	2286.0	264.4	143.01	1.7894	5.226
151.00	2286.0	264.5	143.00	1.7881	5.226
151.25	2286.0	264.5	143.00	1.7868	5.226
151.50	2286.0	264.5	143.00	1.7855	5.226
151.75	2286.1	264.5	143.00	1.7842	5.226

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

DATE: 11/13/97

TIME: 05:54:03

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
152.00	2286.1	264.6	143.00	1.7829	5.226
152.25	2286.2	264.6	143.00	1.7816	5.226
152.50	2286.2	264.7	143.00	1.7803	5.227
152.75	2286.2	264.7	143.00	1.7791	5.227
153.00	2286.3	264.7	143.00	1.7778	5.227
153.25	2286.3	264.8	142.99	1.7765	5.227
153.50	2286.3	264.8	142.99	1.7752	5.227
153.75	2286.4	264.8	143.00	1.7740	5.228
154.00	2286.4	264.9	143.00	1.7727	5.228
154.25	2286.5	264.9	142.99	1.7715	5.228
154.50	2286.5	265.0	142.99	1.7702	5.228
154.75	2286.5	265.0	142.99	1.7690	5.228
155.00	2286.6	265.0	142.98	1.7677	5.228
155.25	2286.6	265.0	142.98	1.7665	5.228
155.50	2286.6	265.1	142.99	1.7653	5.229
155.75	2286.7	265.1	142.99	1.7640	5.229
156.00	2286.7	265.2	142.99	1.7628	5.229
156.25	2286.7	265.2	142.98	1.7616	5.229
156.50	2286.8	265.2	143.00	1.7604	5.229
156.75	2286.8	265.3	142.99	1.7592	5.229
157.00	2286.8	265.3	142.98	1.7580	5.230
157.25	2286.9	265.3	142.98	1.7568	5.230
157.50	2286.9	265.4	142.99	1.7556	5.230
157.75	2286.9	265.4	142.99	1.7544	5.230
158.00	2287.0	265.4	142.99	1.7532	5.230
158.25	2287.0	265.5	143.01	1.7520	5.230
158.50	2287.1	265.5	143.00	1.7508	5.231
158.75	2287.1	265.5	143.00	1.7496	5.231
159.00	2287.1	265.6	143.00	1.7484	5.231
159.25	2287.2	265.6	143.01	1.7473	5.231
159.50	2287.2	265.6	143.01	1.7461	5.231
159.75	2287.2	265.7	143.01	1.7449	5.231
160.00	2287.2	265.7	143.02	1.7437	5.231
160.25	2287.3	265.8	143.02	1.7426	5.232
160.50	2287.3	265.8	143.03	1.7414	5.232
160.75	2287.4	265.8	143.03	1.7403	5.232
161.00	2287.4	265.9	143.03	1.7391	5.232
161.25	2287.4	265.9	143.03	1.7380	5.232
161.50	2287.5	265.9	143.02	1.7368	5.232
161.75	2287.5	266.0	143.03	1.7357	5.233
162.00	2287.5	266.0	143.03	1.7346	5.233
162.25	2287.6	266.0	143.04	1.7334	5.233
162.50	2287.6	266.0	143.04	1.7323	5.233
162.75	2287.6	266.1	143.05	1.7312	5.233
163.00	2287.7	266.1	143.05	1.7301	5.233
163.25	2287.7	266.1	143.05	1.7289	5.233
163.50	2287.7	266.2	143.05	1.7278	5.234
163.75	2287.8	266.2	143.05	1.7267	5.234
164.00	2287.8	266.3	143.05	1.7256	5.234
164.25	2287.8	266.3	143.06	1.7245	5.234
164.50	2287.9	266.3	143.06	1.7234	5.234

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

DATE: 11/13/97

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Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
164.75	2287.9	266.4	143.07	1.7223	5.234
165.00	2287.9	266.4	143.07	1.7212	5.235
165.25	2288.0	266.4	143.07	1.7201	5.235
165.50	2288.0	266.4	143.06	1.7190	5.235
165.75	2288.0	266.5	143.07	1.7179	5.235
166.00	2288.1	266.5	143.07	1.7169	5.235
166.25	2288.1	266.5	143.08	1.7158	5.235
166.50	2288.1	266.6	143.08	1.7147	5.235
166.75	2288.1	266.6	143.07	1.7136	5.236
167.00	2288.2	266.6	143.08	1.7126	5.236
167.25	2288.2	266.7	143.08	1.7115	5.236
167.50	2288.2	266.7	143.10	1.7104	5.236
167.75	2288.3	266.7	143.09	1.7094	5.236
168.00	2288.3	266.8	143.09	1.7083	5.236
168.25	2288.3	266.8	143.10	1.7073	5.236
168.50	2288.4	266.8	143.09	1.7062	5.237
168.75	2288.4	266.9	143.09	1.7052	5.237
169.00	2288.4	266.9	143.08	1.7041	5.237
169.25	2288.5	266.9	143.08	1.7031	5.237
169.50	2288.5	266.9	143.10	1.7021	5.237
169.75	2288.5	267.0	143.09	1.7010	5.237
170.00	2288.5	267.0	143.10	1.7000	5.237
170.25	2288.6	267.0	143.09	1.6990	5.238
170.50	2288.6	267.1	143.09	1.6979	5.238
170.75	2288.6	267.1	143.09	1.6969	5.238
171.00	2288.7	267.1	143.09	1.6959	5.238
171.25	2288.7	267.2	143.10	1.6949	5.238
171.50	2288.8	267.2	143.10	1.6939	5.238
171.75	2288.8	267.2	143.10	1.6929	5.238
172.00	2288.8	267.2	143.10	1.6919	5.239
172.25	2288.8	267.3	143.10	1.6909	5.239
172.50	2288.9	267.3	143.10	1.6899	5.239
172.75	2288.9	267.3	143.11	1.6889	5.239
173.00	2288.9	267.4	143.10	1.6879	5.239
173.25	2288.9	267.4	143.10	1.6869	5.239
173.50	2289.0	267.4	143.11	1.6859	5.239
173.75	2289.0	267.4	143.11	1.6849	5.239
174.00	2289.0	267.5	143.11	1.6839	5.240
174.25	2289.0	267.5	143.11	1.6829	5.240
174.50	2289.1	267.5	143.11	1.6819	5.240
174.75	2289.1	267.6	143.12	1.6810	5.240
175.00	2289.1	267.6	143.13	1.6800	5.240
175.25	2289.2	267.6	143.13	1.6790	5.240
175.50	2289.2	267.6	143.13	1.6781	5.240
175.75	2289.2	267.7	143.14	1.6771	5.241
176.00	2289.2	267.7	143.14	1.6761	5.241
176.25	2289.3	267.7	143.14	1.6752	5.241
176.50	2289.3	267.8	143.15	1.6742	5.241
176.75	2289.3	267.8	143.15	1.6733	5.241
177.00	2289.4	267.8	143.15	1.6723	5.241
177.25	2289.4	267.9	143.15	1.6714	5.241

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

DATE: 11/13/97

TIME: 05:54:03

Time	Pressure PSig	delta P PSig	P	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
177.50	2289.4	267.9	143.15	143.15	1.6704	5.241
177.75	2289.5	267.9	143.16	143.16	1.6695	5.242
178.00	2289.5	267.9	143.16	143.16	1.6685	5.242
178.25	2289.5	268.0	143.17	143.17	1.6676	5.242
178.50	2289.6	268.0	143.17	143.17	1.6667	5.242
178.75	2289.6	268.1	143.17	143.17	1.6657	5.242
179.00	2289.6	268.1	143.16	143.16	1.6648	5.242
179.25	2289.6	268.1	143.17	143.17	1.6639	5.242
179.50	2289.7	268.1	143.17	143.17	1.6630	5.243
179.75	2289.7	268.2	143.17	143.17	1.6620	5.243
180.00	2289.7	268.2	143.19	143.19	1.6611	5.243
180.25	2289.7	268.2	143.18	143.18	1.6602	5.243
180.50	2289.8	268.3	143.19	143.19	1.6593	5.243
180.75	2289.8	268.3	143.18	143.18	1.6584	5.243
181.00	2289.8	268.3	143.18	143.18	1.6575	5.243
181.25	2289.9	268.3	143.18	143.18	1.6566	5.243
181.50	2289.9	268.4	143.19	143.19	1.6556	5.244
181.75	2290.0	268.4	143.20	143.20	1.6547	5.244
182.00	2290.0	268.4	143.18	143.18	1.6538	5.244
182.25	2290.0	268.4	143.18	143.18	1.6529	5.244
182.50	2290.0	268.4	143.19	143.19	1.6521	5.244
182.75	2290.0	268.5	143.20	143.20	1.6512	5.244
183.00	2290.1	268.5	143.20	143.20	1.6503	5.244
183.25	2290.1	268.6	143.21	143.21	1.6494	5.245
183.50	2290.1	268.6	143.20	143.20	1.6485	5.245
183.75	2290.1	268.6	143.20	143.20	1.6476	5.245
184.00	2290.2	268.6	143.21	143.21	1.6467	5.245
184.25	2290.2	268.6	143.21	143.21	1.6459	5.245
184.50	2290.2	268.7	143.21	143.21	1.6450	5.245
184.75	2290.3	268.7	143.21	143.21	1.6441	5.245
185.00	2290.3	268.7	143.22	143.22	1.6432	5.245
185.25	2290.3	268.8	143.22	143.22	1.6424	5.245
185.50	2290.3	268.8	143.21	143.21	1.6415	5.246
185.75	2290.4	268.8	143.23	143.23	1.6406	5.246
186.00	2290.4	268.8	143.22	143.22	1.6398	5.246
186.25	2290.4	268.9	143.22	143.22	1.6389	5.246
186.50	2290.4	268.9	143.23	143.23	1.6381	5.246
186.75	2290.5	268.9	143.23	143.23	1.6372	5.246
187.00	2290.5	268.9	143.23	143.23	1.6364	5.246
187.25	2290.5	269.0	143.24	143.24	1.6355	5.246
187.50	2290.5	269.0	143.24	143.24	1.6347	5.247
187.75	2290.6	269.0	143.23	143.23	1.6338	5.247
188.00	2290.6	269.0	143.23	143.23	1.6330	5.247
188.25	2290.6	269.1	143.25	143.25	1.6321	5.247
188.50	2290.6	269.1	143.24	143.24	1.6313	5.247
188.75	2290.7	269.1	143.25	143.25	1.6305	5.247
189.00	2290.7	269.1	143.25	143.25	1.6296	5.247
189.25	2290.7	269.2	143.24	143.24	1.6288	5.247
189.50	2290.7	269.2	143.25	143.25	1.6280	5.247
189.75	2290.8	269.2	143.26	143.26	1.6271	5.248
190.00	2290.8	269.2	143.26	143.26	1.6263	5.248

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

DATE: 11/13/97

TIME: 05:54:03

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
190.25	2290.8	269.3	143.26	1.6255	5.248
190.50	2290.8	269.3	143.26	1.6247	5.248
190.75	2290.9	269.3	143.26	1.6239	5.248
191.00	2290.9	269.3	143.25	1.6230	5.248
191.25	2290.9	269.4	143.27	1.6222	5.248
191.50	2290.9	269.4	143.27	1.6214	5.248
191.75	2291.0	269.4	143.27	1.6206	5.248
192.00	2291.0	269.5	143.27	1.6198	5.249
192.25	2291.0	269.5	143.27	1.6190	5.249
192.50	2291.0	269.5	143.27	1.6182	5.249
192.75	2291.1	269.5	143.28	1.6174	5.249
193.00	2291.1	269.5	143.28	1.6166	5.249
193.25	2291.1	269.6	143.28	1.6158	5.249
193.50	2291.1	269.6	143.28	1.6150	5.249
193.75	2291.2	269.6	143.29	1.6142	5.249
194.00	2291.2	269.6	143.29	1.6134	5.250
194.25	2291.2	269.7	143.30	1.6126	5.250
194.50	2291.2	269.7	143.30	1.6118	5.250
194.75	2291.3	269.7	143.29	1.6110	5.250
195.00	2291.3	269.7	143.30	1.6103	5.250
195.25	2291.3	269.8	143.30	1.6095	5.250
195.50	2291.3	269.8	143.29	1.6087	5.250
195.75	2291.4	269.9	143.30	1.6079	5.250
196.00	2291.4	269.9	143.30	1.6071	5.250
196.25	2291.4	269.9	143.31	1.6064	5.251
196.50	2291.4	269.9	143.30	1.6056	5.251
196.75	2291.4	269.9	143.30	1.6048	5.251
197.00	2291.5	270.0	143.30	1.6041	5.251
197.25	2291.5	270.0	143.31	1.6033	5.251
197.50	2291.5	270.0	143.31	1.6025	5.251
197.75	2291.6	270.0	143.30	1.6018	5.251
198.00	2291.7	270.1	143.31	1.6010	5.252
198.25	2291.8	270.2	143.31	1.6003	5.252
198.50	2291.8	270.3	143.31	1.5995	5.252
198.75	2291.9	270.3	143.32	1.5987	5.253
199.00	2291.9	270.3	143.32	1.5980	5.253
199.25	2291.9	270.3	143.32	1.5972	5.253
199.50	2291.9	270.3	143.31	1.5965	5.253
199.75	2291.9	270.3	143.31	1.5957	5.253
200.00	2291.9	270.3	143.32	1.5950	5.253
200.25	2291.9	270.3	143.31	1.5943	5.253
200.50	2291.9	270.3	143.33	1.5935	5.253
200.75	2291.9	270.4	143.32	1.5928	5.253
201.00	2291.9	270.4	143.32	1.5920	5.253
201.25	2291.9	270.4	143.33	1.5913	5.253
201.50	2292.0	270.4	143.33	1.5906	5.253
201.75	2292.0	270.4	143.32	1.5898	5.253
202.00	2292.0	270.5	143.34	1.5891	5.253
202.25	2292.0	270.5	143.33	1.5884	5.253
202.50	2292.0	270.5	143.33	1.5877	5.253
202.75	2292.1	270.5	143.34	1.5869	5.254

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

DATE: 11/13/97

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Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
203.00	2292.1	270.5	143.33	1.5862	5.254
203.25	2292.1	270.6	143.33	1.5855	5.254
203.50	2292.1	270.6	143.34	1.5848	5.254
203.75	2292.1	270.6	143.34	1.5840	5.254
204.00	2292.1	270.6	143.33	1.5833	5.254
204.25	2292.2	270.6	143.33	1.5826	5.254
204.50	2292.2	270.6	143.33	1.5819	5.254
204.75	2292.2	270.7	143.33	1.5812	5.254
205.00	2292.3	270.7	143.33	1.5805	5.254
205.25	2292.3	270.7	143.34	1.5798	5.255
205.50	2292.3	270.7	143.34	1.5791	5.255
205.75	2292.3	270.8	143.34	1.5784	5.255
206.00	2292.3	270.8	143.34	1.5777	5.255
206.25	2292.3	270.8	143.34	1.5770	5.255
206.50	2292.4	270.8	143.34	1.5763	5.255
206.75	2292.4	270.9	143.34	1.5756	5.255
207.00	2292.4	270.9	143.34	1.5749	5.255
207.25	2292.5	270.9	143.34	1.5742	5.255
207.50	2292.5	270.9	143.34	1.5735	5.255
207.75	2292.5	270.9	143.35	1.5728	5.255
208.00	2292.5	271.0	143.35	1.5721	5.256
208.25	2292.5	271.0	143.34	1.5714	5.256
208.50	2292.6	271.0	143.35	1.5707	5.256
208.75	2292.6	271.0	143.35	1.5701	5.256
209.00	2292.6	271.1	143.35	1.5694	5.256
209.25	2292.6	271.1	143.35	1.5687	5.256
209.50	2292.6	271.1	143.35	1.5680	5.256
209.75	2292.7	271.1	143.36	1.5673	5.256
210.00	2292.7	271.1	143.35	1.5667	5.256
210.25	2292.7	271.2	143.36	1.5660	5.257
210.50	2292.7	271.2	143.36	1.5653	5.257
210.75	2292.8	271.2	143.36	1.5647	5.257
211.00	2292.8	271.2	143.37	1.5640	5.257
211.25	2292.8	271.2	143.37	1.5633	5.257
211.50	2292.8	271.3	143.37	1.5626	5.257
211.75	2292.8	271.3	143.37	1.5620	5.257
212.00	2292.9	271.3	143.37	1.5613	5.257
212.25	2292.9	271.3	143.38	1.5607	5.257
212.50	2292.9	271.4	143.37	1.5600	5.257
212.75	2292.9	271.4	143.39	1.5593	5.257
213.00	2292.9	271.4	143.37	1.5587	5.257
213.25	2293.0	271.4	143.37	1.5580	5.258
213.50	2293.0	271.5	143.38	1.5574	5.258
213.75	2293.0	271.5	143.38	1.5567	5.258
214.00	2293.0	271.5	143.38	1.5561	5.258
214.25	2293.1	271.5	143.39	1.5554	5.258
214.50	2293.1	271.5	143.38	1.5548	5.258
214.75	2293.1	271.5	143.39	1.5541	5.258
215.00	2293.1	271.6	143.39	1.5535	5.258
215.25	2293.1	271.6	143.40	1.5528	5.258
215.50	2293.2	271.6	143.40	1.5522	5.259

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

DATE: 11/13/97

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Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
215.75	2293.2	271.6	143.39	1.5516	5.259
216.00	2293.2	271.7	143.41	1.5509	5.259
216.25	2293.2	271.7	143.40	1.5503	5.259
216.50	2293.2	271.7	143.40	1.5497	5.259
216.75	2293.2	271.7	143.41	1.5490	5.259
217.00	2293.3	271.7	143.41	1.5484	5.259
217.25	2293.3	271.7	143.42	1.5478	5.259
217.50	2293.3	271.8	143.41	1.5471	5.259
217.75	2293.4	271.8	143.42	1.5465	5.260
218.00	2293.4	271.8	143.41	1.5459	5.260
218.25	2293.4	271.8	143.42	1.5452	5.260
218.50	2293.4	271.9	143.41	1.5446	5.260
218.75	2293.4	271.9	143.42	1.5440	5.260
219.00	2293.4	271.9	143.42	1.5434	5.260
219.25	2293.4	271.9	143.43	1.5428	5.260
219.50	2293.5	271.9	143.43	1.5421	5.260
219.75	2293.5	272.0	143.43	1.5415	5.260
220.00	2293.5	272.0	143.43	1.5409	5.260
220.25	2293.5	272.0	143.43	1.5403	5.260
220.50	2293.5	272.0	143.44	1.5397	5.260
220.75	2293.6	272.0	143.44	1.5391	5.260
221.00	2293.6	272.1	143.44	1.5385	5.261
221.25	2293.6	272.1	143.44	1.5379	5.261
221.50	2293.7	272.1	143.45	1.5372	5.261
221.75	2293.7	272.1	143.45	1.5366	5.261
222.00	2293.7	272.1	143.45	1.5360	5.261
222.25	2293.7	272.2	143.44	1.5354	5.261
222.50	2293.7	272.2	143.45	1.5348	5.261
222.75	2293.7	272.2	143.45	1.5342	5.261
223.00	2293.7	272.2	143.45	1.5336	5.261
223.25	2293.8	272.2	143.45	1.5330	5.261
223.50	2293.8	272.3	143.46	1.5324	5.261
223.75	2293.8	272.3	143.45	1.5318	5.261
224.00	2293.8	272.3	143.46	1.5312	5.262
224.25	2293.8	272.3	143.46	1.5307	5.262
224.50	2293.9	272.3	143.46	1.5301	5.262
224.75	2293.9	272.3	143.47	1.5295	5.262
225.00	2293.9	272.4	143.47	1.5289	5.262
225.25	2293.9	272.4	143.48	1.5283	5.262
225.50	2293.9	272.4	143.48	1.5277	5.262
225.75	2294.0	272.4	143.48	1.5271	5.262
226.00	2294.0	272.5	143.48	1.5265	5.262
226.25	2294.0	272.5	143.47	1.5260	5.262
226.50	2294.0	272.5	143.48	1.5254	5.262
226.75	2294.0	272.5	143.49	1.5248	5.263
227.00	2294.0	272.5	143.48	1.5242	5.263
227.25	2294.1	272.6	143.48	1.5237	5.263
227.50	2294.1	272.6	143.49	1.5231	5.263
227.75	2294.1	272.6	143.50	1.5225	5.263
228.00	2294.1	272.6	143.50	1.5219	5.263
228.25	2294.2	272.6	143.50	1.5214	5.263

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9807 Brown#26-1 DST#1 Venus Exploration, Inc.

DATE: 11/13/97

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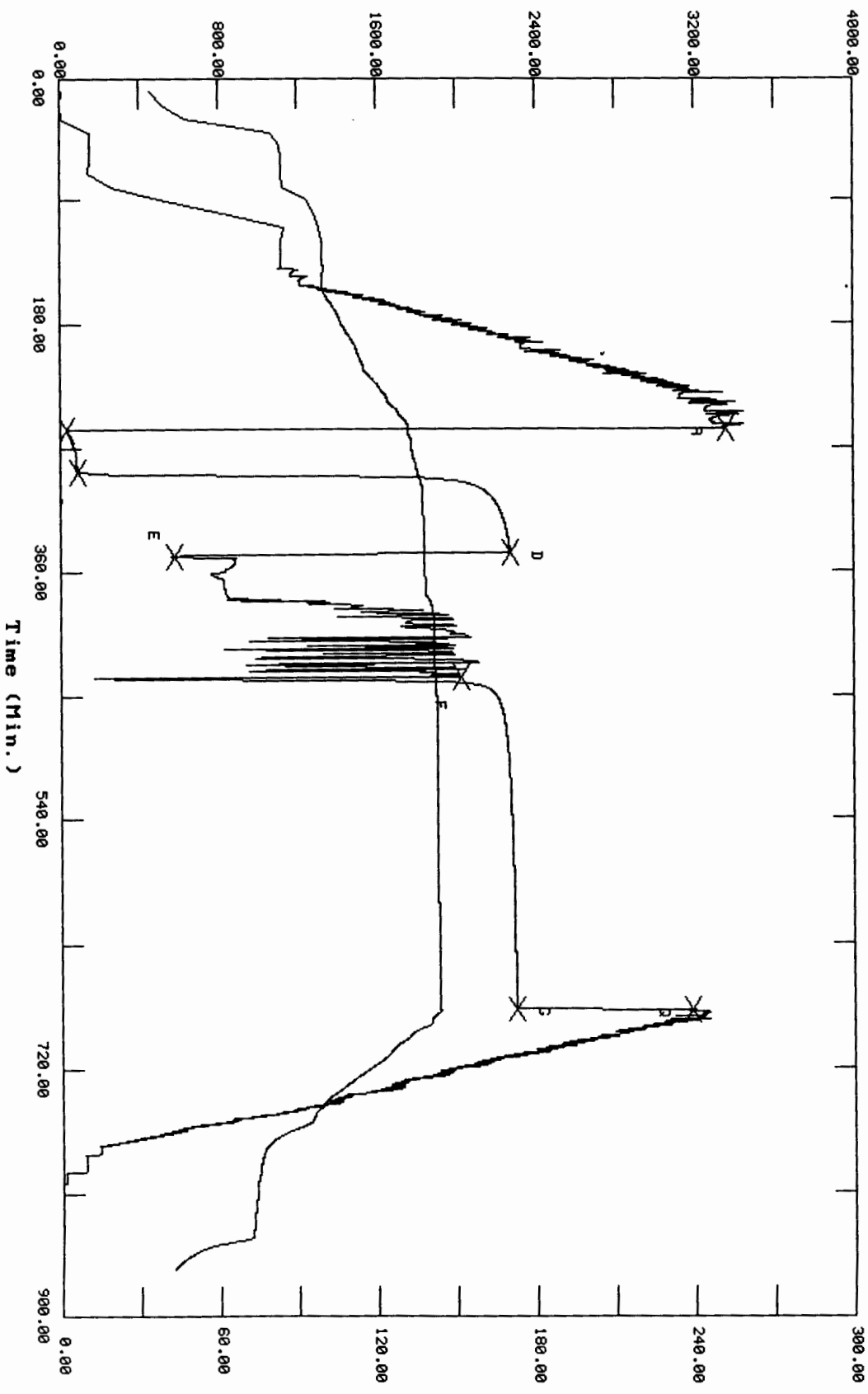
Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
228.50	2294.2	272.6	143.50	1.5208	5.263
228.75	2294.2	272.6	143.50	1.5202	5.263
229.00	2294.2	272.7	143.51	1.5197	5.263
229.25	2294.2	272.7	143.51	1.5191	5.263
229.50	2294.2	272.7	143.52	1.5185	5.263
229.75	2294.2	272.7	143.51	1.5180	5.264
230.00	2294.3	272.7	143.52	1.5174	5.264
230.25	2294.3	272.8	143.52	1.5168	5.264
230.50	2294.3	272.8	143.52	1.5163	5.264
230.75	2294.3	272.8	143.51	1.5157	5.264
231.00	2294.4	272.8	143.52	1.5152	5.264
231.25	2294.4	272.8	143.53	1.5146	5.264
231.50	2294.4	272.9	143.53	1.5140	5.264
231.75	2294.4	272.9	143.53	1.5135	5.264
232.00	2294.4	272.9	143.53	1.5129	5.264
232.25	2294.4	272.9	143.53	1.5124	5.264
232.50	2294.5	272.9	143.55	1.5118	5.265
232.75	2294.5	272.9	143.55	1.5113	5.265
233.00	2294.5	273.0	143.55	1.5107	5.265
233.25	2294.5	273.0	143.55	1.5102	5.265
233.50	2294.5	273.0	143.56	1.5096	5.265
233.75	2294.5	273.0	143.55	1.5091	5.265
234.00	2294.6	273.0	143.55	1.5085	5.265
234.25	2294.6	273.0	143.56	1.5080	5.265
234.50	2294.6	273.1	143.57	1.5075	5.265
234.75	2294.6	273.1	143.57	1.5069	5.265
235.00	2294.6	273.1	143.57	1.5064	5.265
235.25	2294.6	273.1	143.57	1.5058	5.265
235.50	2294.7	273.1	143.57	1.5053	5.265
235.75	2294.7	273.2	143.57	1.5048	5.266
236.00	2294.7	273.2	143.58	1.5042	5.266
236.25	2294.7	273.2	143.58	1.5037	5.266
236.50	2294.7	273.2	143.58	1.5032	5.266
236.75	2294.8	273.2	143.59	1.5026	5.266
237.00	2294.8	273.2	143.59	1.5021	5.266
237.25	2294.8	273.3	143.59	1.5016	5.266
237.50	2294.8	273.3	143.58	1.5011	5.266
237.75	2294.8	273.3	143.59	1.5005	5.266
238.00	2294.8	273.3	143.59	1.5000	5.266
238.25	2294.9	273.3	143.59	1.4995	5.266
238.50	2294.9	273.4	143.60	1.4990	5.266
238.75	2294.9	273.4	143.59	1.4984	5.267
239.00	2294.9	273.4	143.60	1.4979	5.267
239.25	2294.9	273.4	143.60	1.4974	5.267
239.50	2294.9	273.4	143.60	1.4969	5.267
239.75	2295.0	273.4	143.60	1.4964	5.267
240.00	2295.0	273.5	143.60	1.4958	5.267
240.25	2295.0	273.5	143.60	1.4953	5.267
240.50	2295.0	273.5	143.61	1.4948	5.267

\*\*\*\*\* End Shut-in 2

\*\*\*\*\* Final Hydro. 678.25 3182.7 0.0 143.57

9807 Brown#26-1 DST#1 Venus Exploration, Inc.

# TEST HISTORY

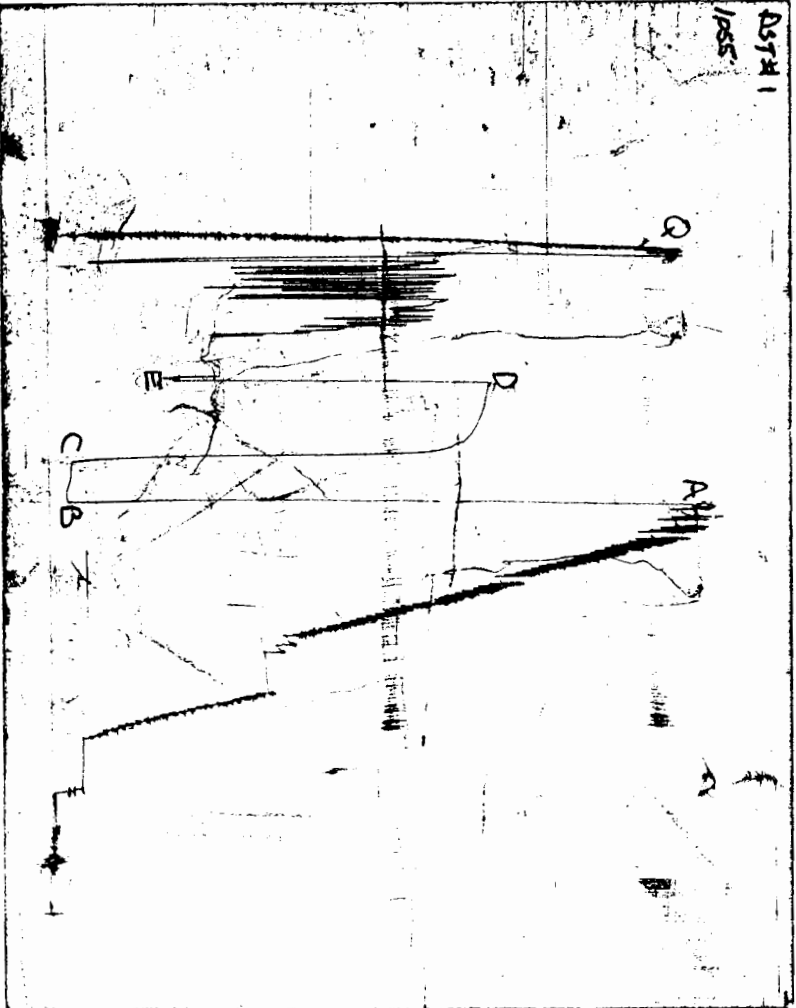


Flag Points

t(Min.)	P(PSIg)
R: 0.00	3358.29
B: 0.00	26.04
C: 31.00	86.44
D: 59.50	2272.57
E: 0.00	570.88
F: 88.00	2021.53
G: 240.50	2295.05
H: 0.00	3182.69

Temperature (DEG F)

CHART PAGE



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

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601 *Venus Fax # 210-472-3063*

## Test Ticket

No. 9807

Well Name & No.	<u>Brown #26-1</u>	Test No.	<u>1</u>	Date	<u>11-13-97</u>
Company	<u>Venus Exploration, Inc.</u>	Zone Tested	<u>Simpson Sand</u>		
Address	<u>700 N. St. Mary's St. Suite #1900 San Antonio Tx 78205</u>	Elevation	<u>2720</u>	KB	<u>2730</u> GL
Co. Rep / Geo.	<u>Bob Moorhead</u>	Cont.	<u>Abercrombie #5</u>	Est. Ft. of Pay	Por. %
Location: Sec.	<u>26</u>	Twp.	<u>33s</u>	Rge.	<u>31w</u> Co. <u>Seward</u> State <u>KS</u>
No. of Copies	Distribution Sheet (Y, N)	Turnkey (Y, N)	Evaluation (Y, N)		

Interval Tested	<u>6925' - 6983'</u>	Initial Str Wt./Lbs.	<u>92,000</u>	Unseated Str Wt./Lbs.	<u>94,000</u>
Anchor Length	<u>55</u>	Wt. Set Lbs.	<u>30,000</u>	Wt. Pulled Loose/Lbs.	<u>96,000</u>
Top Packer Depth	<u>6923'</u>	Tool Weight	<u>1,800</u>		
Bottom Packer Depth	<u>6928'</u>	Hole Size — 7 7/8"	<u>X</u>	Rubber Size — 6 3/4"	<u>X</u>
Total Depth	<u>6983'</u>	Wt. Pipe Run	<u>—</u>	Drill Collar Run	<u>278'</u>
Mud Wt.	<u>9.1</u> LCM <u>6<sup>#</sup></u> Vis. <u>64</u> WL <u>8.0</u>	Drill Pipe Size	<u>4 1/2 x - hole</u>	Ft. Run	<u>6632'</u>
Blow Description	<u>FF - Fair blow, BOB in 6 min.</u>	<u>(No gas to surface)</u>			
	<u>ISI - No blow back</u>				
	<u>SF - Fair blow, BOB in 10 min.</u>	<u>(No gas to surface)</u>			
	<u>FSI - No blow back</u>				

Recovery — Total Feet	<u>375'</u>	GIP	<u>5400'</u>	Ft. in DC	<u>278'</u>	Ft. in DP	<u>97</u>
Rec.	<u>3'</u>	Feet Of	<u>G-oil specked - m</u>	<u>10</u> %gas	<u>10</u> %oil	%water	<u>80</u> %mud
Rec.	<u>93'</u>	Feet Of	<u>G-oil specked - m</u>	<u>7</u> %gas	<u>3</u> %oil	%water	<u>90</u> %mud
Rec.	<u>93'</u>	Feet Of	<u>G-@ - m</u>	<u>20</u> %gas	<u>10</u> %oil	%water	<u>70</u> %mud
Rec.	<u>93'</u>	Feet Of	<u>Oil specked watery mud</u>	%gas	<u>5</u> %oil	<u>20</u> %water	<u>75</u> %mud
Rec.	<u>93'</u>	Feet Of	<u>G-m-oil specked - w</u>	<u>50</u> %gas	<u>10</u> %oil	<u>30</u> %water	<u>10</u> %mud

BHT	<u>143</u>	°F Gravity	°API D@	°F Corrected Gravity	°API
RW	<u>.467</u>	@	<u>51.2</u> °F Chlorides	<u>20,000</u> ppm Recovery	Chlorides <u>800</u> ppm System

(A) Initial Hydrostatic Mud	<u>3358</u>	<u>3402</u> PSI	Recorder No.	<u>3024</u>	T-Started	<u>05:45am</u>
(B) First Initial Flow Pressure	<u>26</u>	<u>97</u> PSI	(depth)	<u>6931'</u>	T-Open	<u>10:12am</u>
(C) First Final Flow Pressure	<u>86</u>	<u>129</u> PSI	Recorder No.	<u>1055</u>	T-Pulled	<u>5:12pm</u>
(D) Initial Shut-in Pressure	<u>2272</u>	<u>2309</u> PSI	(depth)	<u>6983'</u>	T-Out	<u>8:00pm</u>
(E) Second Initial Flow Pressure	<u>570</u>	<u>603</u> PSI	Recorder No.			
(F) Second Final Flow Pressure	<u>964</u>	<u>885</u> PSI	(depth)			
(G) Final Shut-in Pressure	<u>2295</u>	<u>2126</u> PSI	Initial Opening	<u>30 min</u>	Test	<u>Conventional</u>
(H) Final Hydrostatic Mud	<u>3182</u>	<u>3279</u> PSI	Initial Shut-in	<u>60 min</u>	Jars	<input checked="" type="checkbox"/>
	<u>Alpine</u>	<u>At-1</u>	Final Flow	<u>90 min</u>	Safety Joint	<input checked="" type="checkbox"/>
			Final Shut-in	<u>240 min</u>	Straddle	

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 Robert Moorhead  
Our Representative David Hillen

Circ. Sub   
Sampler \_\_\_\_\_  
Extra Packer \_\_\_\_\_  
Elect. Rec.   
Other \_\_\_\_\_  
TOTAL PRICE \$ Est 1300<sup>00</sup>

TRILOBITE TESTING L.L.C.

OPERATOR : Venus Exploration Inc. DATE 11-14-97  
 WELL NAME: Brown #26-1 KB 2740.00 ft TICKET NO: 9808 DST #2  
 LOCATION : 26-33s-31w GR 2730.00 ft FORMATION: Arbuckle  
 INTERVAL : 6985.00 To 7015.00 ft TD 7015.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	1055	1055	3024			PF Fr. 1409 to 1439 hr
SI 60 Range(Psi )	4050.0	4050.0	4995.0	0.0	0.0	IS Fr. 1439 to 1539 hr
SF 60 Clock(hrs)	24Hr.	24Hr.	Elect			SF Fr. 1539 to 1639 hr
FS 120 Depth(ft )	7015.0	7015.0	6988.0	0.0	0.0	FS Fr. 1639 to 1839 hr

	Field	1	2	3	4	
A. Init Hydro	3217.0	3236.0	3278.0	0.0	0.0	T STARTED 1115 hr
B. First Flow	379.0	389.0	571.0	0.0	0.0	T ON BOTM 1407 hr
B1. Final Flow	1461.0	1475.0	1500.0	0.0	0.0	T OPEN 1409 hr
C. In Shut-in	2268.0	2312.0	2339.0	0.0	0.0	T PULLED 1839 hr
D. Init Flow	1461.0	1485.0	1493.0	0.0	0.0	T OUT 2215 hr
E. Final Flow	2197.0	2236.0	2275.0	0.0	0.0	
F. Fl Shut-in	2319.0	2324.0	2346.0	0.0	0.0	
G. Final Hydro	3177.0	3210.0	3221.0	0.0	0.0	
Inside/Outside	0	0	I			

RECOVERY

Tot Fluid 4400.00 ft of	186.00 ft in DC and 4214.00 ft in DP	TOOL DATA-----
60.00 ft of Slightly watery mud 2%water-98%mud		Tool Wt. 1800.00 lbs
93.00 ft of Slightly muddy water 98%water-2%mud		Wt Set On Packer 25000.00 lbs
93.00 ft of Slightly muddy water 98%water-2%mud		Wt Pulled Loose 120000.00 lbs
4154.00 ft of Dropped the bar and pulled dry.		Initial Str Wt 93000.00 lbs
0.00 ft of		Unseated Str Wt 110000.00 lbs
0.00 ft of		Bot Choke 0.75 in
0.00 ft of		Hole Size 7.78 in
0.00 ft of RW.290 @ 27.8 F		D Col. ID 2.25 in
SALINITY 42000.00 P.P.M. A.P.I. Gravity 0.00		D. Pipe ID 3.68 in
		D.C. Length 308.00 ft
		D.P. Length 6662.00 ft

BLOW DESCRIPTION

Initial Flow: Strong Blow.  
 Bottom of Bucket in 2 minutes.  
 Initial Shut-In: No Blow Back.  
 Final Flow: Strong Blow.  
 Bottom of Bucket in 2 minutes.  
 Final Shut-In: No Blow Back.  
 No gas to surface.

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	64.00 S/L
W.L.	8.00 in3
F.C.	6.00 in
Mud Drop Y	20.0 ft
Amt. of fill	0.00 ft
Btm. H. Temp.	152.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out Y	
Tool Chased N	
Tester	Darold Hibler
Co. Rep.	Bob Moorehead
Contr.	Abercrombie
Rig #	5
Unit #	
Pump T.	

SAMPLES: yes, requested by Doug Graves.  
 SENT TO: Caraway

Test Successful: Y

\*\*\* TOOL DIAGRAM \*\*\* CONVENTIONAL

ELL NAME; Brown #26-1		P.O. SUB Top of tool	6957
		C.O. SUB DP	6958
LOCATION : 26-33s-31w		S.I. TOOL Sterling	6963
TICKET No. 9808	D.S.T. No. 2	DATE 11-14-97	
TOTAL TOOL TO BOTTOM OF TOP PACKERS	..... 28		
INTERVAL TOOL	.....	HMV Sterling	6968
BOTTOM PACKERS AND ANCHOR	..... 30	JARS Sterling	6973
TOTAL TOOL	..... 58		
DRILL COLLAR ANCHOR IN INTERVAL	.....		
C. ANCHOR STND.	Stands Single Total		
P. ANCHOR STND.	Stands Single Total	SAFETY JOINT Bowen	6976
TOTAL ASSEMBLY	.....	PACKER Sterling	6980
C. ABOVE TOOLS.	Stands3 Single 1 Total 308	PACKER Sterling	6985
P. ABOVE TOOLS.	Stands74 Single 2 Total 6662	DEPTH 6985	
		STUBB perf	6986
		ANCHOR perf	6987
TOTAL DRILL COLLARS DRILL PIPE & TOOLS	.. 7028	Alpine Rec. 6988	
		Pick-up Sub	6992
TOTAL DEPTH	..... 7015	perf	7010
TOTAL DRILL PIPE ABOVE K.B.	..... 13		
REMARKS:		T.C.	
		DEPTH	
		AK-1 Rec. 7015	
		BULLNOSE	
		T.D. BP	7015

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 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97 TIME: 10:55:40  
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	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	189.25	3278.2	0.0	129.73		
***** Start Flow 1	0.00	571.3	0.0	131.20		
	0.25	583.5	12.2	131.37		
	0.50	602.5	31.2	131.68		
	0.75	610.2	38.9	132.10		
	1.00	615.6	44.3	132.65		
	1.25	624.7	53.4	133.29		
	1.50	633.0	61.7	134.04		
	1.75	638.9	67.6	134.85		
	2.00	649.6	78.3	135.72		
	2.25	658.6	87.3	136.61		
	2.50	667.0	95.7	137.52		
	2.75	674.7	103.4	138.43		
	3.00	682.9	111.6	139.31		
	3.25	693.0	121.7	140.17		
	3.50	700.6	129.3	141.02		
	3.75	709.5	138.2	141.81		
	4.00	717.9	146.6	142.58		
	4.25	726.2	154.9	143.30		
	4.50	734.4	163.1	143.99		
	4.75	744.3	173.0	144.67		
	5.00	752.6	181.3	145.27		
	5.25	763.0	191.7	145.89		
	5.50	769.8	198.5	146.45		
	5.75	777.6	206.3	146.99		
	6.00	787.9	216.6	147.48		
	6.25	795.5	224.2	147.94		
	6.50	805.5	234.2	148.36		
	6.75	807.8	236.5	148.80		
	7.00	821.1	249.8	149.18		
	7.25	831.1	259.8	149.54		
	7.50	838.9	267.6	149.87		
	7.75	847.9	276.6	150.18		
	8.00	856.1	284.8	150.47		
	8.25	866.3	295.0	150.74		
	8.50	875.7	304.4	151.00		
	8.75	883.5	312.2	151.24		
	9.00	890.5	319.2	151.48		
	9.25	900.6	329.3	151.69		
	9.50	907.8	336.5	151.90		
	9.75	917.0	345.7	152.07		
	10.00	925.8	354.5	152.24		
	10.25	936.1	364.8	152.41		
	10.50	944.0	372.7	152.56		
	10.75	950.1	378.8	152.72		
	11.00	960.2	388.9	152.85		
	11.25	966.6	395.3	152.97		
	11.50	977.6	406.3	153.09		
	11.75	983.4	412.1	153.19		
	12.00	991.2	419.9	153.29		
	12.25	997.4	426.1	153.37		

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 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97 TIME: 10:55:40  
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Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
12.50	1006.0	434.7	153.46		
12.75	1014.7	443.4	153.54		
13.00	1024.0	452.7	153.60		
13.25	1029.9	458.6	153.68		
13.50	1038.3	467.0	153.74		
13.75	1047.8	476.5	153.81		
14.00	1055.9	484.6	153.87		
14.25	1061.9	490.6	153.93		
14.50	1072.1	500.8	153.99		
14.75	1076.4	505.1	154.03		
15.00	1084.6	513.3	154.09		
15.25	1093.4	522.1	154.13		
15.50	1102.6	531.3	154.18		
15.75	1108.4	537.1	154.22		
16.00	1116.7	545.4	154.27		
16.25	1124.2	552.9	154.30		
16.50	1130.3	559.0	154.32		
16.75	1138.6	567.3	154.35		
17.00	1146.7	575.4	154.39		
17.25	1153.6	582.3	154.42		
17.50	1161.2	589.9	154.44		
17.75	1168.4	597.1	154.46		
18.00	1179.4	608.1	154.48		
18.25	1185.7	614.4	154.50		
18.50	1192.6	621.3	154.53		
18.75	1199.5	628.2	154.54		
19.00	1206.4	635.1	154.55		
19.25	1214.4	643.1	154.58		
19.50	1221.2	649.9	154.60		
19.75	1229.3	658.0	154.60		
20.00	1235.6	664.3	154.63		
20.25	1243.6	672.3	154.63		
20.50	1250.0	678.7	154.65		
20.75	1257.4	686.1	154.66		
21.00	1264.2	692.9	154.66		
21.25	1270.5	699.2	154.67		
21.50	1278.8	707.5	154.68		
21.75	1286.2	714.9	154.69		
22.00	1292.8	721.5	154.68		
22.25	1300.2	728.9	154.69		
22.50	1308.6	737.3	154.70		
22.75	1312.4	741.1	154.71		
23.00	1320.3	749.0	154.71		
23.25	1326.7	755.4	154.71		
23.50	1333.8	762.5	154.72		
23.75	1340.1	768.8	154.72		
24.00	1347.3	776.0	154.72		
24.25	1355.2	783.9	154.72		
24.50	1361.1	789.8	154.72		
24.75	1368.0	796.7	154.72		
25.00	1373.9	802.6	154.72		

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 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97

TIME: 10:55:40  
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	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	25.25	1381.4	810.1	154.73		
	25.50	1388.6	817.3	154.72		
	25.75	1395.0	823.7	154.73		
	26.00	1402.7	831.4	154.73		
	26.25	1410.4	839.1	154.74		
	26.50	1414.4	843.1	154.73		
	26.75	1420.6	849.3	154.72		
	27.00	1426.8	855.5	154.72		
	27.25	1433.6	862.3	154.72		
	27.50	1440.4	869.1	154.71		
	27.75	1446.3	875.0	154.71		
	28.00	1452.1	880.8	154.71		
	28.25	1459.1	887.8	154.71		
	28.50	1464.5	893.2	154.70		
	28.75	1471.3	900.0	154.70		
	29.00	1477.4	906.1	154.70		
	29.25	1484.0	912.7	154.70		
	29.50	1489.6	918.3	154.70		
	29.75	1494.8	923.5	154.69		
*****	End Flow 1	30.00	1500.3	929.0	154.68	
*****	Start Shutin 1	0.00	1500.3	0.0	154.68	0.0000
		0.25	1506.7	6.4	154.68	121.0000
		0.50	1515.9	15.5	154.69	61.0000
		0.75	1518.8	18.4	154.68	41.0000
		1.00	2202.6	702.2	154.68	31.0000
		1.25	2224.3	723.9	154.68	25.0000
		1.50	2235.5	735.2	154.66	21.0000
		1.75	2243.4	743.1	154.66	18.1429
		2.00	2249.6	749.2	154.67	16.0000
		2.25	2254.7	754.3	154.68	14.3333
		2.50	2259.0	758.7	154.69	13.0000
		2.75	2262.7	762.4	154.71	11.9091
		3.00	2266.1	765.7	154.72	11.0000
		3.25	2269.1	768.7	154.73	10.2308
		3.50	2271.8	771.5	154.74	9.5714
		3.75	2274.3	773.9	154.75	9.0000
		4.00	2276.6	776.2	154.76	8.5000
		4.25	2278.7	778.3	154.76	8.0588
		4.50	2280.6	780.3	154.77	7.6667
		4.75	2282.5	782.1	154.78	7.3158
		5.00	2284.2	783.9	154.78	7.0000
		5.25	2285.8	785.5	154.79	6.7143
		5.50	2287.3	787.0	154.79	6.4545
		5.75	2288.8	788.4	154.79	6.2174
		6.00	2290.1	789.8	154.79	6.0000
		6.25	2291.4	791.1	154.78	5.8000
		6.50	2292.6	792.3	154.77	5.6154
		6.75	2293.8	793.4	154.76	5.4444
		7.00	2294.9	794.6	154.74	5.2857
		7.25	2296.0	795.6	154.73	5.1379
		7.50	2297.0	796.7	154.71	5.0000

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97

TIME: 10:55:40

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
7.75	2298.0	797.6	154.69	4.8710	5.281
8.00	2298.9	798.6	154.68	4.7500	5.285
8.25	2299.8	799.4	154.65	4.6364	5.289
8.50	2300.7	800.3	154.63	4.5294	5.293
8.75	2301.5	801.1	154.59	4.4286	5.297
9.00	2302.3	802.0	154.57	4.3333	5.301
9.25	2303.0	802.7	154.53	4.2432	5.304
9.50	2303.8	803.4	154.50	4.1579	5.307
9.75	2304.5	804.1	154.46	4.0769	5.311
10.00	2305.2	804.8	154.43	4.0000	5.314
10.25	2305.8	805.5	154.39	3.9268	5.317
10.50	2306.4	806.1	154.32	3.8571	5.320
10.75	2307.0	806.7	154.28	3.7907	5.322
11.00	2307.6	807.2	154.24	3.7273	5.325
11.25	2308.2	807.8	154.19	3.6667	5.328
11.50	2308.7	808.4	154.15	3.6087	5.330
11.75	2309.2	808.9	154.10	3.5532	5.333
12.00	2309.7	809.4	154.05	3.5000	5.335
12.25	2310.3	809.9	154.01	3.4490	5.337
12.50	2310.8	810.4	153.96	3.4000	5.340
12.75	2311.3	810.9	153.92	3.3529	5.342
13.00	2311.7	811.4	153.87	3.3077	5.344
13.25	2312.1	811.8	153.83	3.2642	5.346
13.50	2312.6	812.3	153.78	3.2222	5.348
13.75	2313.1	812.7	153.74	3.1818	5.350
14.00	2313.5	813.1	153.70	3.1429	5.352
14.25	2313.9	813.6	153.67	3.1053	5.354
14.50	2314.3	814.0	153.62	3.0690	5.356
14.75	2314.7	814.4	153.58	3.0339	5.358
15.00	2315.1	814.8	153.55	3.0000	5.360
15.25	2315.5	815.2	153.52	2.9672	5.362
15.50	2315.9	815.5	153.48	2.9355	5.363
15.75	2316.2	815.9	153.44	2.9048	5.365
16.00	2316.6	816.3	153.40	2.8750	5.367
16.25	2316.9	816.6	153.37	2.8462	5.368
16.50	2317.3	817.0	153.34	2.8182	5.370
16.75	2317.6	817.3	153.30	2.7910	5.371
17.00	2318.0	817.6	153.28	2.7647	5.373
17.25	2318.3	818.0	153.24	2.7391	5.375
17.50	2318.6	818.3	153.22	2.7143	5.376
17.75	2318.9	818.6	153.19	2.6901	5.377
18.00	2319.2	818.9	153.17	2.6667	5.379
18.25	2319.5	819.2	153.14	2.6438	5.380
18.50	2319.8	819.5	153.11	2.6216	5.382
18.75	2320.1	819.8	153.09	2.6000	5.383
19.00	2320.4	820.1	153.06	2.5789	5.384
19.25	2320.7	820.3	153.04	2.5584	5.385
19.50	2320.9	820.6	153.02	2.5385	5.387
19.75	2321.2	820.8	152.99	2.5190	5.388
20.00	2321.5	821.1	152.98	2.5000	5.389
20.25	2321.7	821.4	152.96	2.4815	5.390

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97

TIME: 10:55:40

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
20.50	2322.0	821.7	152.93	2.4634	5.392
20.75	2322.2	821.9	152.91	2.4458	5.393
21.00	2322.5	822.1	152.89	2.4286	5.394
21.25	2322.7	822.4	152.86	2.4118	5.395
21.50	2322.9	822.6	152.84	2.3953	5.396
21.75	2323.2	822.8	152.83	2.3793	5.397
22.00	2323.4	823.1	152.81	2.3636	5.398
22.25	2323.6	823.3	152.79	2.3483	5.399
22.50	2323.9	823.5	152.78	2.3333	5.400
22.75	2324.1	823.7	152.76	2.3187	5.401
23.00	2324.3	824.0	152.75	2.3043	5.402
23.25	2324.5	824.2	152.73	2.2903	5.403
23.50	2324.7	824.4	152.71	2.2766	5.404
23.75	2324.9	824.6	152.70	2.2632	5.405
24.00	2325.1	824.8	152.68	2.2500	5.406
24.25	2325.3	825.0	152.66	2.2371	5.407
24.50	2325.5	825.2	152.65	2.2245	5.408
24.75	2325.7	825.4	152.64	2.2121	5.409
25.00	2325.9	825.6	152.62	2.2000	5.410
25.25	2326.1	825.8	152.62	2.1881	5.411
25.50	2326.3	825.9	152.59	2.1765	5.412
25.75	2326.5	826.1	152.57	2.1650	5.413
26.00	2326.6	826.3	152.55	2.1538	5.413
26.25	2326.8	826.5	152.55	2.1429	5.414
26.50	2327.0	826.7	152.54	2.1321	5.415
26.75	2327.2	826.8	152.53	2.1215	5.416
27.00	2327.4	827.0	152.50	2.1111	5.417
27.25	2327.5	827.2	152.49	2.1009	5.417
27.50	2327.7	827.4	152.49	2.0909	5.418
27.75	2327.9	827.6	152.50	2.0811	5.419
28.00	2328.0	827.7	152.46	2.0714	5.420
28.25	2328.2	827.9	152.46	2.0619	5.421
28.50	2328.4	828.0	152.43	2.0526	5.421
28.75	2328.5	828.2	152.43	2.0435	5.422
29.00	2328.7	828.3	152.40	2.0345	5.423
29.25	2328.8	828.5	152.38	2.0256	5.423
29.50	2329.0	828.6	152.38	2.0169	5.424
29.75	2329.1	828.8	152.34	2.0084	5.425
30.00	2329.3	828.9	152.37	2.0000	5.426
30.25	2329.4	829.1	152.36	1.9917	5.426
30.50	2329.6	829.2	152.35	1.9836	5.427
30.75	2329.7	829.4	152.34	1.9756	5.428
31.00	2329.9	829.5	152.34	1.9677	5.428
31.25	2330.0	829.6	152.32	1.9600	5.429
31.50	2330.1	829.8	152.32	1.9524	5.430
31.75	2330.3	829.9	152.30	1.9449	5.430
32.00	2330.4	830.1	152.30	1.9375	5.431
32.25	2330.6	830.2	152.30	1.9302	5.431
32.50	2330.7	830.3	152.29	1.9231	5.432
32.75	2330.8	830.5	152.27	1.9160	5.433
33.00	2330.9	830.6	152.26	1.9091	5.433

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97

TIME: 10:55:40

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
33.25	2331.1	830.7	152.25	1.9023	5.434
33.50	2331.2	830.9	152.25	1.8955	5.435
33.75	2331.3	831.0	152.24	1.8889	5.435
34.00	2331.4	831.1	152.23	1.8824	5.436
34.25	2331.6	831.2	152.22	1.8759	5.436
34.50	2331.7	831.3	152.22	1.8696	5.437
34.75	2331.8	831.5	152.22	1.8633	5.437
35.00	2331.9	831.6	152.20	1.8571	5.438
35.25	2332.0	831.7	152.19	1.8511	5.438
35.50	2332.2	831.8	152.19	1.8451	5.439
35.75	2332.3	831.9	152.18	1.8392	5.439
36.00	2332.4	832.0	152.17	1.8333	5.440
36.25	2332.5	832.1	152.17	1.8276	5.440
36.50	2332.6	832.3	152.15	1.8219	5.441
36.75	2332.7	832.4	152.15	1.8163	5.441
37.00	2332.8	832.5	152.14	1.8108	5.442
37.25	2332.9	832.6	152.15	1.8054	5.443
37.50	2333.0	832.7	152.14	1.8000	5.443
37.75	2333.1	832.8	152.13	1.7947	5.444
38.00	2333.3	832.9	152.13	1.7895	5.444
38.25	2333.4	833.0	152.12	1.7843	5.445
38.50	2333.5	833.1	152.12	1.7792	5.445
38.75	2333.6	833.2	152.11	1.7742	5.446
39.00	2333.7	833.4	152.11	1.7692	5.446
39.25	2333.8	833.5	152.10	1.7643	5.447
39.50	2333.9	833.5	152.10	1.7595	5.447
39.75	2334.0	833.6	152.09	1.7547	5.447
40.00	2334.1	833.7	152.09	1.7500	5.448
40.25	2334.2	833.8	152.09	1.7453	5.448
40.50	2334.3	833.9	152.08	1.7407	5.449
40.75	2334.4	834.0	152.09	1.7362	5.449
41.00	2334.4	834.1	152.08	1.7317	5.450
41.25	2334.5	834.2	152.08	1.7273	5.450
41.50	2334.7	834.3	152.07	1.7229	5.451
41.75	2334.7	834.4	152.06	1.7186	5.451
42.00	2334.8	834.5	152.06	1.7143	5.451
42.25	2334.9	834.6	152.06	1.7101	5.452
42.50	2335.0	834.7	152.06	1.7059	5.452
42.75	2335.1	834.8	152.05	1.7018	5.453
43.00	2335.2	834.8	152.03	1.6977	5.453
43.25	2335.2	834.9	152.03	1.6936	5.453
43.50	2335.3	835.0	152.04	1.6897	5.454
43.75	2335.4	835.1	152.04	1.6857	5.454
44.00	2335.5	835.2	152.03	1.6818	5.455
44.25	2335.6	835.3	152.03	1.6780	5.455
44.50	2335.7	835.4	152.02	1.6742	5.455
44.75	2335.8	835.4	152.02	1.6704	5.456
45.00	2335.9	835.5	152.01	1.6667	5.456
45.25	2335.9	835.6	152.00	1.6630	5.457
45.50	2336.0	835.7	152.00	1.6593	5.457
45.75	2336.1	835.8	152.00	1.6557	5.457

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97

TIME: 10:55:40

Time	Pressure PSIg	delta P PSIg	P	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
46.00	2336.2	835.9	152.01	152.01	1.6522	5.458
46.25	2336.3	835.9	152.00	152.00	1.6486	5.458
46.50	2336.3	836.0	152.00	152.00	1.6452	5.458
46.75	2336.4	836.1	152.00	152.00	1.6417	5.459
47.00	2336.5	836.2	151.99	151.99	1.6383	5.459
47.25	2336.6	836.2	151.99	151.99	1.6349	5.460
47.50	2336.7	836.3	151.98	151.98	1.6316	5.460
47.75	2336.7	836.4	151.98	151.98	1.6283	5.460
48.00	2336.8	836.4	151.97	151.97	1.6250	5.461
48.25	2336.9	836.5	151.97	151.97	1.6218	5.461
48.50	2336.9	836.6	151.97	151.97	1.6186	5.461
48.75	2337.0	836.7	151.96	151.96	1.6154	5.462
49.00	2337.1	836.7	151.96	151.96	1.6122	5.462
49.25	2337.2	836.8	151.94	151.94	1.6091	5.462
49.50	2337.2	836.9	151.94	151.94	1.6061	5.463
49.75	2337.3	837.0	151.94	151.94	1.6030	5.463
50.00	2337.4	837.0	151.94	151.94	1.6000	5.463
50.25	2337.4	837.1	151.93	151.93	1.5970	5.464
50.50	2337.5	837.2	151.92	151.92	1.5941	5.464
50.75	2337.6	837.2	151.92	151.92	1.5911	5.464
51.00	2337.6	837.3	151.91	151.91	1.5882	5.465
51.25	2337.7	837.4	151.91	151.91	1.5854	5.465
51.50	2337.8	837.4	151.90	151.90	1.5825	5.465
51.75	2337.8	837.5	151.89	151.89	1.5797	5.466
52.00	2337.9	837.6	151.89	151.89	1.5769	5.466
52.25	2338.0	837.6	151.88	151.88	1.5742	5.466
52.50	2338.0	837.7	151.88	151.88	1.5714	5.466
52.75	2338.1	837.8	151.87	151.87	1.5687	5.467
53.00	2338.2	837.8	151.86	151.86	1.5660	5.467
53.25	2338.2	837.9	151.86	151.86	1.5634	5.467
53.50	2338.3	838.0	151.85	151.85	1.5607	5.468
53.75	2338.4	838.0	151.84	151.84	1.5581	5.468
54.00	2338.4	838.1	151.84	151.84	1.5556	5.468
54.25	2338.5	838.2	151.84	151.84	1.5530	5.469
54.50	2338.6	838.2	151.83	151.83	1.5505	5.469
54.75	2338.6	838.3	151.82	151.82	1.5479	5.469
55.00	2338.7	838.4	151.82	151.82	1.5455	5.470
55.25	2338.7	838.4	151.81	151.81	1.5430	5.470
55.50	2338.8	838.5	151.81	151.81	1.5405	5.470
55.75	2338.9	838.5	151.80	151.80	1.5381	5.470
56.00	2339.0	838.6	151.80	151.80	1.5357	5.471
56.25	2339.0	838.7	151.79	151.79	1.5333	5.471
56.50	2339.1	838.7	151.78	151.78	1.5310	5.471
56.75	2339.1	838.8	151.78	151.78	1.5286	5.472
57.00	2339.2	838.8	151.78	151.78	1.5263	5.472
57.25	2339.2	838.9	151.78	151.78	1.5240	5.472
57.50	2339.3	838.9	151.78	151.78	1.5217	5.472
57.75	2339.3	839.0	151.76	151.76	1.5195	5.472
58.00	2339.4	839.0	151.76	151.76	1.5172	5.473
58.25	2339.4	839.1	151.76	151.76	1.5150	5.473
58.50	2339.5	839.2	151.76	151.76	1.5128	5.473

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 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97 TIME: 10:55:40  
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	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
	58.75	2339.5	839.2	151.76	1.5106	5.473
	59.00	2339.6	839.3	151.76	1.5085	5.474
	59.25	2339.7	839.3	151.76	1.5063	5.474
	59.50	2339.7	839.4	151.76	1.5042	5.474
	59.75	2339.8	839.4	151.76	1.5021	5.475
	60.00	2339.8	839.5	151.75	1.5000	5.475
	60.25	2339.9	839.5	151.75	1.4979	5.475
***** End Shut-in 1	60.50	2339.9	839.6	151.74	1.4959	5.475
***** Start Flow 2	0.00	1493.9	0.0	151.75		
	0.25	1495.0	1.1	151.74		
	0.50	1503.9	10.0	151.73		
	0.75	1509.7	15.9	151.73		
	1.00	1516.5	22.7	151.73		
	1.25	1523.7	29.8	151.77		
	1.50	1530.3	36.4	151.81		
	1.75	1536.9	43.0	151.86		
	2.00	1543.8	49.9	151.92		
	2.25	1550.8	57.0	152.00		
	2.50	1557.0	63.1	152.10		
	2.75	1564.2	70.3	152.19		
	3.00	1570.4	76.5	152.28		
	3.25	1577.7	83.8	152.39		
	3.50	1583.5	89.6	152.49		
	3.75	1590.8	96.9	152.60		
	4.00	1597.2	103.4	152.70		
	4.25	1603.7	109.8	152.79		
	4.50	1610.4	116.6	152.89		
	4.75	1616.2	122.3	152.98		
	5.00	1621.7	127.9	153.05		
	5.25	1628.4	134.6	153.14		
	5.50	1634.6	140.7	153.21		
	5.75	1641.2	147.3	153.28		
	6.00	1648.0	154.1	153.36		
	6.25	1653.6	159.7	153.43		
	6.50	1660.1	166.2	153.48		
	6.75	1665.7	171.9	153.53		
	7.00	1672.2	178.4	153.58		
	7.25	1678.2	184.3	153.64		
	7.50	1684.3	190.4	153.68		
	7.75	1689.4	195.6	153.72		
	8.00	1695.6	201.7	153.76		
	8.25	1701.6	207.8	153.80		
	8.50	1707.3	213.4	153.83		
	8.75	1712.7	218.9	153.86		
	9.00	1718.9	225.0	153.88		
	9.25	1724.7	230.8	153.90		
	9.50	1729.9	236.0	153.93		
	9.75	1735.9	242.1	153.95		
	10.00	1741.1	247.2	153.97		
	10.25	1746.4	252.5	153.98		
	10.50	1752.2	258.4	154.01		

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 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97 TIME: 10:55:40  
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Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
10.75	1757.9	264.0	154.02		
11.00	1763.3	269.5	154.03		
11.25	1768.5	274.7	154.04		
11.50	1773.7	279.8	154.05		
11.75	1779.0	285.1	154.06		
12.00	1784.1	290.3	154.07		
12.25	1789.6	295.8	154.07		
12.50	1794.6	300.7	154.07		
12.75	1799.9	306.0	154.09		
13.00	1804.9	311.0	154.08		
13.25	1809.7	315.9	154.09		
13.50	1814.5	320.6	154.09		
13.75	1819.6	325.7	154.10		
14.00	1824.7	330.8	154.09		
14.25	1829.4	335.5	154.10		
14.50	1834.3	340.4	154.09		
14.75	1839.4	345.6	154.09		
15.00	1844.0	350.1	154.09		
15.25	1848.8	354.9	154.08		
15.50	1853.4	359.5	154.08		
15.75	1858.3	364.4	154.07		
16.00	1862.6	368.8	154.08		
16.25	1867.6	373.7	154.07		
16.50	1872.3	378.4	154.07		
16.75	1876.7	382.9	154.07		
17.00	1881.4	387.5	154.07		
17.25	1885.5	391.7	154.06		
17.50	1890.3	396.4	154.06		
17.75	1894.4	400.5	154.06		
18.00	1898.9	405.0	154.06		
18.25	1903.2	409.3	154.04		
18.50	1907.5	413.7	154.04		
18.75	1911.7	417.8	154.03		
19.00	1916.2	422.4	154.03		
19.25	1920.4	426.5	154.02		
19.50	1924.5	430.7	154.01		
19.75	1928.7	434.8	154.01		
20.00	1932.9	439.1	154.01		
20.25	1936.7	442.8	154.01		
20.50	1941.2	447.3	153.99		
20.75	1945.3	451.4	153.99		
21.00	1949.3	455.5	153.98		
21.25	1953.5	459.6	153.98		
21.50	1957.2	463.4	153.97		
21.75	1961.0	467.2	153.96		
22.00	1964.9	471.0	153.95		
22.25	1969.0	475.1	153.95		
22.50	1972.6	478.8	153.94		
22.75	1976.6	482.8	153.95		
23.00	1980.4	486.6	153.94		
23.25	1984.5	490.7	153.93		

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 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97

TIME: 10:55:40  
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Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
23.50	1988.2	494.4	153.92		
23.75	1991.5	497.7	153.91		
24.00	1995.4	501.5	153.91		
24.25	1999.1	505.2	153.90		
24.50	2002.8	508.9	153.89		
24.75	2006.4	512.5	153.90		
25.00	2010.0	516.1	153.89		
25.25	2013.2	519.4	153.88		
25.50	2017.1	523.2	153.86		
25.75	2020.3	526.4	153.86		
26.00	2023.7	529.8	153.86		
26.25	2027.3	533.4	153.85		
26.50	2030.7	536.8	153.85		
26.75	2034.0	540.1	153.85		
27.00	2037.0	543.1	153.83		
27.25	2040.3	546.4	153.82		
27.50	2043.6	549.7	153.82		
27.75	2046.8	552.9	153.81		
28.00	2050.0	556.1	153.81		
28.25	2053.2	559.3	153.80		
28.50	2056.3	562.5	153.80		
28.75	2059.5	565.7	153.79		
29.00	2062.5	568.6	153.79		
29.25	2065.5	571.7	153.79		
29.50	2068.6	574.7	153.77		
29.75	2071.6	577.7	153.77		
30.00	2074.6	580.8	153.76		
30.25	2077.5	583.6	153.76		
30.50	2080.3	586.4	153.74		
30.75	2083.3	589.4	153.74		
31.00	2086.1	592.2	153.73		
31.25	2089.0	595.1	153.72		
31.50	2091.8	598.0	153.71		
31.75	2094.6	600.7	153.71		
32.00	2097.2	603.3	153.70		
32.25	2100.0	606.2	153.71		
32.50	2102.8	609.0	153.69		
32.75	2105.5	611.6	153.68		
33.00	2108.2	614.4	153.68		
33.25	2110.8	616.9	153.68		
33.50	2113.6	619.7	153.68		
33.75	2116.3	622.4	153.67		
34.00	2118.8	625.0	153.66		
34.25	2121.3	627.5	153.66		
34.50	2123.8	629.9	153.65		
34.75	2126.4	632.6	153.65		
35.00	2129.1	635.2	153.65		
35.25	2131.6	637.7	153.63		
35.50	2134.1	640.2	153.63		
35.75	2136.4	642.6	153.62		
36.00	2138.7	644.9	153.62		

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 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97 TIME: 10:55:40  
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Time	Pressure PSI <sub>g</sub>	delta P PSI <sub>g</sub>	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
36.25	2141.4	647.6	153.61		
36.50	2143.7	649.9	153.61		
36.75	2146.0	652.1	153.60		
37.00	2148.4	654.5	153.59		
37.25	2150.4	656.6	153.59		
37.50	2152.6	658.7	153.58		
37.75	2155.0	661.1	153.57		
38.00	2157.3	663.4	153.56		
38.25	2159.4	665.6	153.56		
38.50	2161.6	667.7	153.55		
38.75	2163.6	669.8	153.55		
39.00	2165.6	671.8	153.55		
39.25	2167.7	673.9	153.55		
39.50	2169.8	675.9	153.55		
39.75	2172.0	678.1	153.53		
40.00	2174.0	680.2	153.52		
40.25	2176.1	682.3	153.52		
40.50	2178.0	684.2	153.51		
40.75	2180.0	686.2	153.51		
41.00	2182.0	688.1	153.49		
41.25	2184.0	690.1	153.50		
41.50	2186.0	692.1	153.48		
41.75	2188.0	694.2	153.47		
42.00	2189.7	695.9	153.47		
42.25	2191.6	697.7	153.48		
42.50	2193.3	699.5	153.47		
42.75	2195.1	701.3	153.46		
43.00	2196.8	703.0	153.46		
43.25	2198.6	704.8	153.45		
43.50	2200.4	706.6	153.45		
43.75	2202.2	708.3	153.45		
44.00	2203.8	710.0	153.44		
44.25	2205.4	711.6	153.43		
44.50	2207.0	713.2	153.43		
44.75	2208.6	714.8	153.43		
45.00	2210.2	716.3	153.41		
45.25	2211.7	717.8	153.42		
45.50	2213.4	719.5	153.41		
45.75	2215.1	721.2	153.40		
46.00	2216.7	722.8	153.40		
46.25	2218.1	724.2	153.39		
46.50	2219.6	725.8	153.39		
46.75	2221.1	727.2	153.40		
47.00	2222.5	728.7	153.38		
47.25	2224.0	730.1	153.37		
47.50	2225.4	731.6	153.37		
47.75	2226.8	732.9	153.35		
48.00	2228.3	734.5	153.36		
48.25	2229.8	735.9	153.36		
48.50	2231.2	737.4	153.35		
48.75	2232.5	738.7	153.34		

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 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97 TIME: 10:55:40  
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Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
49.00	2233.9	740.0	153.34		
49.25	2235.2	741.3	153.32		
49.50	2236.4	742.6	153.33		
49.75	2237.7	743.8	153.32		
50.00	2238.9	745.1	153.31		
50.25	2240.1	746.3	153.30		
50.50	2241.4	747.5	153.31		
50.75	2242.7	748.8	153.29		
51.00	2244.0	750.1	153.29		
51.25	2245.2	751.3	153.28		
51.50	2246.4	752.5	153.28		
51.75	2247.5	753.6	153.28		
52.00	2248.6	754.8	153.27		
52.25	2249.7	755.9	153.27		
52.50	2250.8	757.0	153.26		
52.75	2251.9	758.1	153.26		
53.00	2253.0	759.1	153.25		
53.25	2254.0	760.1	153.25		
53.50	2255.0	761.2	153.23		
53.75	2256.1	762.2	153.23		
54.00	2257.2	763.4	153.23		
54.25	2258.3	764.5	153.22		
54.50	2259.4	765.5	153.22		
54.75	2260.4	766.6	153.22		
55.00	2261.4	767.5	153.21		
55.25	2262.4	768.5	153.21		
55.50	2263.3	769.4	153.20		
55.75	2264.2	770.4	153.20		
56.00	2265.2	771.3	153.20		
56.25	2266.1	772.3	153.19		
56.50	2267.0	773.1	153.19		
56.75	2267.9	774.1	153.18		
57.00	2268.8	774.9	153.16		
57.25	2269.7	775.8	153.17		
57.50	2270.6	776.7	153.17		
57.75	2271.5	777.6	153.16		
58.00	2272.5	778.6	153.16		
58.25	2273.4	779.5	153.15		
58.50	2273.8	780.0	153.15		
58.75	2274.4	780.5	153.14		
59.00	2275.7	781.9	153.13		
59.25	2275.4	781.6	153.13		
0.00	2275.4	0.0	153.13	0.0000	5.178
0.25	2310.1	34.7	153.12	358.0000	5.337
0.50	2312.2	36.8	153.12	179.5000	5.346
0.75	2313.5	38.0	153.11	120.0000	5.352
1.00	2314.4	38.9	153.11	90.2500	5.356
1.25	2315.1	39.7	153.10	72.4000	5.360
1.50	2315.8	40.3	153.11	60.5000	5.363
1.75	2316.3	40.9	153.09	52.0000	5.365
2.00	2316.9	41.4	153.09	45.6250	5.368

\*\*\*\*\* End Flow 2

\*\*\*\*\* Start Shutin 2

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97

TIME: 10:55:40

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
2.25	2317.3	41.9	153.09	40.6667	5.370
2.50	2317.8	42.3	153.09	36.7000	5.372
2.75	2318.2	42.8	153.08	33.4545	5.374
3.00	2318.6	43.1	153.08	30.7500	5.376
3.25	2319.0	43.5	153.07	28.4615	5.378
3.50	2319.3	43.9	153.07	26.5000	5.379
3.75	2319.6	44.2	153.07	24.8000	5.381
4.00	2320.0	44.5	153.07	23.3125	5.382
4.25	2320.3	44.9	153.06	22.0000	5.384
4.50	2320.6	45.1	153.06	20.8333	5.385
4.75	2320.9	45.4	153.07	19.7895	5.386
5.00	2321.1	45.7	153.06	18.8500	5.388
5.25	2321.4	46.0	153.07	18.0000	5.389
5.50	2321.7	46.2	153.06	17.2273	5.390
5.75	2321.9	46.5	153.04	16.5217	5.391
6.00	2322.2	46.7	153.05	15.8750	5.392
6.25	2322.4	47.0	153.04	15.2800	5.394
6.50	2322.6	47.2	153.04	14.7308	5.395
6.75	2322.9	47.4	153.04	14.2222	5.396
7.00	2323.1	47.6	153.04	13.7500	5.397
7.25	2323.3	47.9	153.04	13.3103	5.398
7.50	2323.5	48.1	153.03	12.9000	5.399
7.75	2323.7	48.3	153.03	12.5161	5.400
8.00	2323.9	48.5	153.02	12.1562	5.401
8.25	2324.1	48.7	153.02	11.8182	5.401
8.50	2324.3	48.8	153.02	11.5000	5.402
8.75	2324.5	49.0	153.02	11.2000	5.403
9.00	2324.7	49.2	153.02	10.9167	5.404
9.25	2324.8	49.4	153.01	10.6486	5.405
9.50	2325.0	49.6	153.01	10.3947	5.406
9.75	2325.2	49.7	153.00	10.1538	5.406
10.00	2325.4	49.9	153.00	9.9250	5.407
10.25	2325.5	50.1	152.99	9.7073	5.408
10.50	2325.7	50.2	153.00	9.5000	5.409
10.75	2325.8	50.4	152.98	9.3023	5.410
11.00	2326.0	50.5	152.98	9.1136	5.410
11.25	2326.1	50.7	152.99	8.9333	5.411
11.50	2326.3	50.8	152.98	8.7609	5.412
11.75	2326.5	51.0	152.97	8.5957	5.412
12.00	2326.6	51.1	152.96	8.4375	5.413
12.25	2326.7	51.3	152.96	8.2857	5.414
12.50	2326.9	51.4	152.96	8.1400	5.414
12.75	2327.0	51.6	152.96	8.0000	5.415
13.00	2327.2	51.8	152.95	7.8654	5.416
13.25	2327.3	51.9	152.94	7.7358	5.416
13.50	2327.4	52.0	152.93	7.6111	5.417
13.75	2327.6	52.1	152.94	7.4909	5.418
14.00	2327.7	52.3	152.93	7.3750	5.418
14.25	2327.8	52.4	152.93	7.2632	5.419
14.50	2328.0	52.5	152.92	7.1552	5.419
14.75	2328.1	52.7	152.91	7.0508	5.420

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97

TIME: 10:55:40

Time	Pressure PSIg	delta P PSIg	P	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
15.00	2328.2	52.8	152.91	152.91	6.9500	5.421
15.25	2328.3	52.9	152.91	152.91	6.8525	5.421
15.50	2328.5	53.0	152.90	152.90	6.7581	5.422
15.75	2328.6	53.1	152.90	152.90	6.6667	5.422
16.00	2328.7	53.2	152.89	152.89	6.5781	5.423
16.25	2328.8	53.3	152.89	152.89	6.4923	5.423
16.50	2328.9	53.5	152.89	152.89	6.4091	5.424
16.75	2329.0	53.6	152.89	152.89	6.3284	5.424
17.00	2329.1	53.7	152.88	152.88	6.2500	5.425
17.25	2329.2	53.8	152.88	152.88	6.1739	5.425
17.50	2329.3	53.9	152.87	152.87	6.1000	5.426
17.75	2329.4	54.0	152.87	152.87	6.0282	5.426
18.00	2329.5	54.1	152.87	152.87	5.9583	5.427
18.25	2329.7	54.2	152.87	152.87	5.8904	5.427
18.50	2329.7	54.3	152.86	152.86	5.8243	5.428
18.75	2329.8	54.4	152.86	152.86	5.7600	5.428
19.00	2330.0	54.5	152.86	152.86	5.6974	5.429
19.25	2330.1	54.6	152.85	152.85	5.6364	5.429
19.50	2330.2	54.7	152.85	152.85	5.5769	5.430
19.75	2330.3	54.8	152.85	152.85	5.5190	5.430
20.00	2330.4	54.9	152.85	152.85	5.4625	5.431
20.25	2330.4	55.0	152.85	152.85	5.4074	5.431
20.50	2330.5	55.1	152.84	152.84	5.3537	5.431
20.75	2330.6	55.2	152.84	152.84	5.3012	5.432
21.00	2330.7	55.3	152.84	152.84	5.2500	5.432
21.25	2330.8	55.4	152.84	152.84	5.2000	5.433
21.50	2330.9	55.5	152.84	152.84	5.1512	5.433
21.75	2331.0	55.6	152.84	152.84	5.1034	5.434
22.00	2331.1	55.6	152.83	152.83	5.0568	5.434
22.25	2331.2	55.7	152.82	152.82	5.0112	5.434
22.50	2331.2	55.8	152.82	152.82	4.9667	5.435
22.75	2331.3	55.9	152.83	152.83	4.9231	5.435
23.00	2331.4	56.0	152.82	152.82	4.8804	5.435
23.25	2331.5	56.1	152.83	152.83	4.8387	5.436
23.50	2331.6	56.2	152.82	152.82	4.7979	5.436
23.75	2331.7	56.2	152.82	152.82	4.7579	5.437
24.00	2331.8	56.3	152.82	152.82	4.7188	5.437
24.25	2331.9	56.4	152.82	152.82	4.6804	5.438
24.50	2331.9	56.5	152.82	152.82	4.6429	5.438
24.75	2332.0	56.6	152.82	152.82	4.6061	5.438
25.00	2332.1	56.6	152.82	152.82	4.5700	5.439
25.25	2332.2	56.8	152.83	152.83	4.5347	5.439
25.50	2332.3	56.8	152.82	152.82	4.5000	5.439
25.75	2332.3	56.9	152.82	152.82	4.4660	5.440
26.00	2332.4	57.0	152.82	152.82	4.4327	5.440
26.25	2332.5	57.1	152.82	152.82	4.4000	5.441
26.50	2332.6	57.1	152.82	152.82	4.3679	5.441
26.75	2332.6	57.2	152.83	152.83	4.3364	5.441
27.00	2332.7	57.3	152.84	152.84	4.3056	5.441
27.25	2332.8	57.4	152.84	152.84	4.2752	5.442
27.50	2332.9	57.4	152.84	152.84	4.2455	5.442

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97

TIME: 10:55:40

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
27.75	2332.9	57.5	152.84	4.2162	5.443
28.00	2333.0	57.6	152.85	4.1875	5.443
28.25	2333.1	57.7	152.85	4.1593	5.443
28.50	2333.2	57.7	152.85	4.1316	5.444
28.75	2333.2	57.8	152.86	4.1043	5.444
29.00	2333.3	57.9	152.86	4.0776	5.444
29.25	2333.4	57.9	152.87	4.0513	5.445
29.50	2333.4	58.0	152.87	4.0254	5.445
29.75	2333.5	58.1	152.88	4.0000	5.445
30.00	2333.6	58.1	152.88	3.9750	5.446
30.25	2333.6	58.2	152.88	3.9504	5.446
30.50	2333.7	58.3	152.89	3.9262	5.446
30.75	2333.8	58.3	152.88	3.9024	5.446
31.00	2333.8	58.4	152.89	3.8790	5.447
31.25	2333.9	58.5	152.89	3.8560	5.447
31.50	2334.0	58.5	152.90	3.8333	5.447
31.75	2334.0	58.6	152.89	3.8110	5.448
32.00	2334.1	58.6	152.89	3.7891	5.448
32.25	2334.1	58.7	152.89	3.7674	5.448
32.50	2334.2	58.8	152.90	3.7462	5.449
32.75	2334.3	58.8	152.89	3.7252	5.449
33.00	2334.3	58.9	152.90	3.7045	5.449
33.25	2334.4	59.0	152.90	3.6842	5.450
33.50	2334.5	59.0	152.90	3.6642	5.450
33.75	2334.5	59.1	152.89	3.6444	5.450
34.00	2334.6	59.2	152.90	3.6250	5.450
34.25	2334.7	59.2	152.90	3.6058	5.451
34.50	2334.7	59.3	152.89	3.5870	5.451
34.75	2334.8	59.3	152.88	3.5683	5.451
35.00	2334.8	59.4	152.88	3.5500	5.451
35.25	2334.9	59.5	152.88	3.5319	5.452
35.50	2335.0	59.5	152.88	3.5141	5.452
35.75	2335.0	59.6	152.88	3.4965	5.452
36.00	2335.1	59.6	152.87	3.4792	5.453
36.25	2335.1	59.7	152.87	3.4621	5.453
36.50	2335.2	59.8	152.88	3.4452	5.453
36.75	2335.3	59.8	152.87	3.4286	5.453
37.00	2335.3	59.9	152.87	3.4122	5.454
37.25	2335.4	59.9	152.87	3.3960	5.454
37.50	2335.4	60.0	152.87	3.3800	5.454
37.75	2335.5	60.0	152.86	3.3642	5.454
38.00	2335.5	60.1	152.86	3.3487	5.455
38.25	2335.6	60.2	152.86	3.3333	5.455
38.50	2335.6	60.2	152.85	3.3182	5.455
38.75	2335.7	60.3	152.85	3.3032	5.455
39.00	2335.8	60.3	152.85	3.2885	5.456
39.25	2335.8	60.4	152.85	3.2739	5.456
39.50	2335.9	60.4	152.85	3.2595	5.456
39.75	2335.9	60.5	152.84	3.2453	5.457
40.00	2336.0	60.5	152.84	3.2313	5.457
40.25	2336.0	60.6	152.83	3.2174	5.457

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 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration  
 DATE: 11/14/97 TIME: 10:55:40  
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Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
40.50	2336.1	60.6	152.83	3.2037	5.457
40.75	2336.1	60.7	152.83	3.1902	5.457
41.00	2336.2	60.7	152.84	3.1768	5.458
41.25	2336.2	60.8	152.83	3.1636	5.458
41.50	2336.3	60.9	152.83	3.1506	5.458
41.75	2336.4	60.9	152.83	3.1377	5.459
42.00	2336.4	61.0	152.82	3.1250	5.459
42.25	2336.4	61.0	152.82	3.1124	5.459
42.50	2336.5	61.1	152.81	3.1000	5.459
42.75	2336.6	61.1	152.81	3.0877	5.460
43.00	2336.6	61.2	152.81	3.0756	5.460
43.25	2336.6	61.2	152.81	3.0636	5.460
43.50	2336.7	61.2	152.81	3.0517	5.460
43.75	2336.7	61.3	152.80	3.0400	5.460
44.00	2336.8	61.4	152.81	3.0284	5.461
44.25	2336.8	61.4	152.79	3.0169	5.461
44.50	2336.9	61.5	152.80	3.0056	5.461
44.75	2336.9	61.5	152.79	2.9944	5.461
45.00	2337.0	61.6	152.80	2.9833	5.462
45.25	2337.0	61.6	152.80	2.9724	5.462
45.50	2337.1	61.6	152.80	2.9615	5.462
45.75	2337.1	61.7	152.80	2.9508	5.462
46.00	2337.2	61.7	152.80	2.9402	5.462
46.25	2337.2	61.8	152.80	2.9297	5.463
46.50	2337.3	61.9	152.79	2.9194	5.463
46.75	2337.3	61.9	152.79	2.9091	5.463
47.00	2337.4	61.9	152.78	2.8989	5.463
47.25	2337.4	62.0	152.79	2.8889	5.463
47.50	2337.5	62.0	152.79	2.8789	5.464
47.75	2337.5	62.1	152.79	2.8691	5.464
48.00	2337.6	62.1	152.78	2.8594	5.464
48.25	2337.6	62.2	152.79	2.8497	5.464
48.50	2337.6	62.2	152.78	2.8402	5.465
48.75	2337.7	62.2	152.78	2.8308	5.465
49.00	2337.7	62.3	152.77	2.8214	5.465
49.25	2337.8	62.3	152.77	2.8122	5.465
49.50	2337.8	62.4	152.77	2.8030	5.465
49.75	2337.8	62.4	152.78	2.7940	5.466
50.00	2337.9	62.5	152.78	2.7850	5.466
50.25	2338.0	62.5	152.78	2.7761	5.466
50.50	2338.0	62.6	152.78	2.7673	5.466
50.75	2338.0	62.6	152.77	2.7586	5.466
51.00	2338.1	62.6	152.77	2.7500	5.467
51.25	2338.1	62.7	152.77	2.7415	5.467
51.50	2338.2	62.7	152.77	2.7330	5.467
51.75	2338.2	62.8	152.77	2.7246	5.467
52.00	2338.3	62.8	152.76	2.7163	5.467
52.25	2338.3	62.9	152.76	2.7081	5.468
52.50	2338.3	62.9	152.75	2.7000	5.468
52.75	2338.4	62.9	152.76	2.6919	5.468
53.00	2338.4	63.0	152.75	2.6840	5.468

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 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97

TIME: 10:55:40  
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Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
53.25	2338.5	63.0	152.75	2.6761	5.468
53.50	2338.5	63.1	152.75	2.6682	5.469
53.75	2338.6	63.1	152.74	2.6605	5.469
54.00	2338.6	63.2	152.73	2.6528	5.469
54.25	2338.7	63.2	152.74	2.6452	5.469
54.50	2338.7	63.2	152.72	2.6376	5.469
54.75	2338.7	63.3	152.73	2.6301	5.470
55.00	2338.8	63.3	152.73	2.6227	5.470
55.25	2338.8	63.4	152.73	2.6154	5.470
55.50	2338.8	63.4	152.73	2.6081	5.470
55.75	2338.9	63.4	152.71	2.6009	5.470
56.00	2338.9	63.5	152.71	2.5938	5.471
56.25	2339.0	63.5	152.72	2.5867	5.471
56.50	2339.0	63.6	152.69	2.5796	5.471
56.75	2339.0	63.6	152.70	2.5727	5.471
57.00	2339.1	63.7	152.71	2.5658	5.471
57.25	2339.1	63.7	152.70	2.5590	5.472
57.50	2339.2	63.7	152.69	2.5522	5.472
57.75	2339.2	63.8	152.69	2.5455	5.472
58.00	2339.3	63.8	152.69	2.5388	5.472
58.25	2339.3	63.9	152.69	2.5322	5.472
58.50	2339.4	63.9	152.68	2.5256	5.473
58.75	2339.4	64.0	152.69	2.5191	5.473
59.00	2339.4	64.0	152.68	2.5127	5.473
59.25	2339.5	64.0	152.69	2.5063	5.473
59.50	2339.5	64.1	152.68	2.5000	5.473
59.75	2339.6	64.1	152.68	2.4937	5.474
60.00	2339.6	64.2	152.67	2.4875	5.474
60.25	2339.7	64.2	152.68	2.4813	5.474
60.50	2339.7	64.2	152.67	2.4752	5.474
60.75	2339.7	64.3	152.67	2.4691	5.474
61.00	2339.8	64.3	152.66	2.4631	5.475
61.25	2339.8	64.4	152.66	2.4571	5.475
61.50	2339.8	64.4	152.66	2.4512	5.475
61.75	2339.9	64.5	152.66	2.4453	5.475
62.00	2339.9	64.5	152.65	2.4395	5.475
62.25	2340.0	64.5	152.66	2.4337	5.475
62.50	2340.0	64.6	152.66	2.4280	5.476
62.75	2340.0	64.6	152.65	2.4223	5.476
63.00	2340.1	64.7	152.65	2.4167	5.476
63.25	2340.1	64.7	152.65	2.4111	5.476
63.50	2340.2	64.7	152.65	2.4055	5.476
63.75	2340.2	64.8	152.64	2.4000	5.477
64.00	2340.2	64.8	152.65	2.3945	5.477
64.25	2340.3	64.8	152.65	2.3891	5.477
64.50	2340.3	64.9	152.63	2.3837	5.477
64.75	2340.3	64.9	152.64	2.3784	5.477
65.00	2340.4	64.9	152.64	2.3731	5.477
65.25	2340.4	65.0	152.64	2.3678	5.478
65.50	2340.5	65.0	152.64	2.3626	5.478
65.75	2340.5	65.1	152.63	2.3574	5.478

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97

TIME: 10:55:40

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
66.00	2340.5	65.1	152.63	2.3523	5.478
66.25	2340.6	65.1	152.63	2.3472	5.478
66.50	2340.6	65.2	152.62	2.3421	5.479
66.75	2340.7	65.2	152.62	2.3371	5.479
67.00	2340.7	65.2	152.62	2.3321	5.479
67.25	2340.7	65.3	152.62	2.3271	5.479
67.50	2340.8	65.3	152.61	2.3222	5.479
67.75	2340.8	65.4	152.61	2.3173	5.479
68.00	2340.8	65.4	152.62	2.3125	5.480
68.25	2340.9	65.4	152.61	2.3077	5.480
68.50	2340.9	65.5	152.62	2.3029	5.480
68.75	2341.0	65.5	152.61	2.2982	5.480
69.00	2341.0	65.5	152.61	2.2935	5.480
69.25	2341.0	65.6	152.62	2.2888	5.480
69.50	2341.0	65.6	152.61	2.2842	5.481
69.75	2341.1	65.7	152.60	2.2796	5.481
70.00	2341.1	65.7	152.60	2.2750	5.481
70.25	2341.2	65.7	152.60	2.2705	5.481
70.50	2341.2	65.8	152.60	2.2660	5.481
70.75	2341.2	65.8	152.60	2.2615	5.481
71.00	2341.3	65.8	152.60	2.2570	5.482
71.25	2341.3	65.9	152.59	2.2526	5.482
71.50	2341.3	65.9	152.60	2.2483	5.482
71.75	2341.4	65.9	152.59	2.2439	5.482
72.00	2341.4	66.0	152.59	2.2396	5.482
72.25	2341.4	66.0	152.59	2.2353	5.482
72.50	2341.4	66.0	152.59	2.2310	5.482
72.75	2341.5	66.1	152.59	2.2268	5.483
73.00	2341.5	66.1	152.58	2.2226	5.483
73.25	2341.6	66.1	152.58	2.2184	5.483
73.50	2341.6	66.1	152.58	2.2143	5.483
73.75	2341.6	66.2	152.57	2.2102	5.483
74.00	2341.6	66.2	152.57	2.2061	5.483
74.25	2341.7	66.2	152.57	2.2020	5.483
74.50	2341.7	66.3	152.57	2.1980	5.484
74.75	2341.7	66.3	152.57	2.1940	5.484
75.00	2341.8	66.3	152.57	2.1900	5.484
75.25	2341.8	66.4	152.57	2.1860	5.484
75.50	2341.8	66.4	152.57	2.1821	5.484
75.75	2341.9	66.5	152.57	2.1782	5.484
76.00	2341.9	66.5	152.57	2.1743	5.484
76.25	2341.9	66.5	152.56	2.1705	5.485
76.50	2342.0	66.5	152.56	2.1667	5.485
76.75	2342.0	66.6	152.56	2.1629	5.485
77.00	2342.0	66.6	152.56	2.1591	5.485
77.25	2342.0	66.6	152.56	2.1553	5.485
77.50	2342.1	66.7	152.56	2.1516	5.485
77.75	2342.1	66.7	152.55	2.1479	5.485
78.00	2342.1	66.7	152.56	2.1442	5.486
78.25	2342.1	66.7	152.54	2.1406	5.486
78.50	2342.2	66.8	152.55	2.1369	5.486

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97

TIME: 10:55:40

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
78.75	2342.2	66.8	152.55	2.1333	5.486
79.00	2342.2	66.8	152.54	2.1297	5.486
79.25	2342.3	66.8	152.54	2.1262	5.486
79.50	2342.3	66.9	152.54	2.1226	5.486
79.75	2342.3	66.9	152.54	2.1191	5.487
80.00	2342.3	66.9	152.54	2.1156	5.487
80.25	2342.4	67.0	152.53	2.1121	5.487
80.50	2342.4	67.0	152.53	2.1087	5.487
80.75	2342.4	67.0	152.53	2.1053	5.487
81.00	2342.5	67.0	152.53	2.1019	5.487
81.25	2342.5	67.1	152.53	2.0985	5.487
81.50	2342.5	67.1	152.53	2.0951	5.487
81.75	2342.6	67.1	152.52	2.0917	5.488
82.00	2342.6	67.1	152.52	2.0884	5.488
82.25	2342.6	67.2	152.52	2.0851	5.488
82.50	2342.7	67.2	152.52	2.0818	5.488
82.75	2342.7	67.2	152.52	2.0785	5.488
83.00	2342.7	67.3	152.52	2.0753	5.488
83.25	2342.7	67.3	152.53	2.0721	5.488
83.50	2342.8	67.3	152.51	2.0689	5.488
83.75	2342.8	67.4	152.52	2.0657	5.489
84.00	2342.8	67.4	152.51	2.0625	5.489
84.25	2342.8	67.4	152.51	2.0593	5.489
84.50	2342.9	67.4	152.51	2.0562	5.489
84.75	2342.9	67.4	152.51	2.0531	5.489
85.00	2342.9	67.5	152.51	2.0500	5.489
85.25	2343.0	67.5	152.51	2.0469	5.489
85.50	2343.0	67.5	152.51	2.0439	5.489
85.75	2343.0	67.6	152.52	2.0408	5.490
86.00	2343.0	67.6	152.51	2.0378	5.490
86.25	2343.1	67.6	152.51	2.0348	5.490
86.50	2343.1	67.6	152.50	2.0318	5.490
86.75	2343.1	67.7	152.51	2.0288	5.490
87.00	2343.1	67.7	152.51	2.0259	5.490
87.25	2343.2	67.7	152.51	2.0229	5.490
87.50	2343.2	67.8	152.50	2.0200	5.491
87.75	2343.2	67.8	152.50	2.0171	5.491
88.00	2343.2	67.8	152.50	2.0142	5.491
88.25	2343.3	67.8	152.50	2.0113	5.491
88.50	2343.3	67.9	152.50	2.0085	5.491
88.75	2343.3	67.9	152.50	2.0056	5.491
89.00	2343.4	67.9	152.49	2.0028	5.491
89.25	2343.4	67.9	152.49	2.0000	5.491
89.50	2343.4	68.0	152.49	1.9972	5.492
89.75	2343.4	68.0	152.49	1.9944	5.492
90.00	2343.5	68.0	152.49	1.9917	5.492
90.25	2343.5	68.0	152.48	1.9889	5.492
90.50	2343.5	68.1	152.49	1.9862	5.492
90.75	2343.5	68.1	152.49	1.9835	5.492
91.00	2343.6	68.1	152.48	1.9808	5.492
91.25	2343.6	68.2	152.48	1.9781	5.492

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 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration  
 DATE: 11/14/97 TIME: 10:55:40  
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Time	Pressure PSIg	delta P PSIg	P	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
91.50	2343.6	68.1	152.47	152.47	1.9754	5.492
91.75	2343.6	68.2	152.47	152.47	1.9728	5.493
92.00	2343.7	68.2	152.47	152.47	1.9701	5.493
92.25	2343.7	68.2	152.47	152.47	1.9675	5.493
92.50	2343.7	68.3	152.47	152.47	1.9649	5.493
92.75	2343.7	68.3	152.48	152.48	1.9623	5.493
93.00	2343.8	68.3	152.47	152.47	1.9597	5.493
93.25	2343.8	68.3	152.46	152.46	1.9571	5.493
93.50	2343.8	68.4	152.46	152.46	1.9545	5.493
93.75	2343.8	68.4	152.47	152.47	1.9520	5.494
94.00	2343.9	68.4	152.46	152.46	1.9495	5.494
94.25	2343.9	68.4	152.47	152.47	1.9469	5.494
94.50	2343.9	68.5	152.46	152.46	1.9444	5.494
94.75	2343.9	68.5	152.46	152.46	1.9420	5.494
95.00	2343.9	68.5	152.46	152.46	1.9395	5.494
95.25	2344.0	68.5	152.46	152.46	1.9370	5.494
95.50	2344.0	68.5	152.46	152.46	1.9346	5.494
95.75	2344.0	68.6	152.46	152.46	1.9321	5.494
96.00	2344.0	68.6	152.47	152.47	1.9297	5.494
96.25	2344.1	68.6	152.47	152.47	1.9273	5.495
96.50	2344.1	68.6	152.46	152.46	1.9249	5.495
96.75	2344.1	68.7	152.47	152.47	1.9225	5.495
97.00	2344.1	68.7	152.46	152.46	1.9201	5.495
97.25	2344.1	68.7	152.45	152.45	1.9177	5.495
97.50	2344.2	68.7	152.46	152.46	1.9154	5.495
97.75	2344.2	68.7	152.46	152.46	1.9130	5.495
98.00	2344.2	68.8	152.47	152.47	1.9107	5.495
98.25	2344.2	68.8	152.47	152.47	1.9084	5.495
98.50	2344.3	68.8	152.47	152.47	1.9061	5.496
98.75	2344.3	68.8	152.47	152.47	1.9038	5.496
99.00	2344.3	68.9	152.46	152.46	1.9015	5.496
99.25	2344.3	68.9	152.46	152.46	1.8992	5.496
99.50	2344.3	68.9	152.46	152.46	1.8970	5.496
99.75	2344.4	68.9	152.47	152.47	1.8947	5.496
100.00	2344.4	68.9	152.46	152.46	1.8925	5.496
100.25	2344.4	69.0	152.46	152.46	1.8903	5.496
100.50	2344.4	69.0	152.47	152.47	1.8881	5.496
100.75	2344.4	69.0	152.45	152.45	1.8859	5.496
101.00	2344.5	69.0	152.46	152.46	1.8837	5.497
101.25	2344.5	69.1	152.45	152.45	1.8815	5.497
101.50	2344.5	69.1	152.44	152.44	1.8793	5.497
101.75	2344.5	69.1	152.45	152.45	1.8771	5.497
102.00	2344.6	69.1	152.45	152.45	1.8750	5.497
102.25	2344.6	69.1	152.44	152.44	1.8729	5.497
102.50	2344.6	69.2	152.44	152.44	1.8707	5.497
102.75	2344.6	69.2	152.45	152.45	1.8686	5.497
103.00	2344.6	69.2	152.44	152.44	1.8665	5.497
103.25	2344.7	69.2	152.44	152.44	1.8644	5.498
103.50	2344.7	69.3	152.44	152.44	1.8623	5.498
103.75	2344.7	69.3	152.44	152.44	1.8602	5.498
104.00	2344.7	69.3	152.44	152.44	1.8582	5.498

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97

TIME: 10:55:40

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
104.25	2344.8	69.3	152.43	1.8561	5.498
104.50	2344.8	69.3	152.43	1.8541	5.498
104.75	2344.8	69.4	152.43	1.8520	5.498
105.00	2344.8	69.4	152.43	1.8500	5.498
105.25	2344.8	69.4	152.44	1.8480	5.498
105.50	2344.9	69.4	152.43	1.8460	5.498
105.75	2344.9	69.4	152.44	1.8440	5.498
106.00	2344.9	69.5	152.43	1.8420	5.499
106.25	2344.9	69.5	152.43	1.8400	5.499
106.50	2344.9	69.5	152.43	1.8380	5.499
106.75	2345.0	69.5	152.43	1.8361	5.499
107.00	2345.0	69.5	152.43	1.8341	5.499
107.25	2345.0	69.6	152.43	1.8322	5.499
107.50	2345.0	69.6	152.43	1.8302	5.499
107.75	2345.0	69.6	152.43	1.8283	5.499
108.00	2345.1	69.6	152.42	1.8264	5.499
108.25	2345.1	69.6	152.42	1.8245	5.499
108.50	2345.1	69.7	152.42	1.8226	5.500
108.75	2345.1	69.7	152.42	1.8207	5.500
109.00	2345.1	69.7	152.42	1.8188	5.500
109.25	2345.2	69.7	152.42	1.8169	5.500
109.50	2345.2	69.8	152.42	1.8151	5.500
109.75	2345.2	69.8	152.42	1.8132	5.500
110.00	2345.2	69.8	152.41	1.8114	5.500
110.25	2345.2	69.8	152.41	1.8095	5.500
110.50	2345.3	69.8	152.41	1.8077	5.500
110.75	2345.3	69.9	152.41	1.8059	5.500
111.00	2345.3	69.9	152.42	1.8041	5.500
111.25	2345.3	69.9	152.41	1.8022	5.501
111.50	2345.4	69.9	152.41	1.8004	5.501
111.75	2345.4	69.9	152.42	1.7987	5.501
112.00	2345.4	69.9	152.41	1.7969	5.501
112.25	2345.4	70.0	152.41	1.7951	5.501
112.50	2345.4	70.0	152.41	1.7933	5.501
112.75	2345.4	70.0	152.40	1.7916	5.501
113.00	2345.5	70.0	152.41	1.7898	5.501
113.25	2345.5	70.0	152.40	1.7881	5.501
113.50	2345.5	70.1	152.41	1.7863	5.501
113.75	2345.5	70.1	152.41	1.7846	5.501
114.00	2345.5	70.1	152.40	1.7829	5.501
114.25	2345.6	70.1	152.41	1.7812	5.502
114.50	2345.6	70.1	152.41	1.7795	5.502
114.75	2345.6	70.2	152.41	1.7778	5.502
115.00	2345.6	70.2	152.41	1.7761	5.502
115.25	2345.6	70.2	152.40	1.7744	5.502
115.50	2345.7	70.2	152.40	1.7727	5.502
115.75	2345.7	70.2	152.40	1.7711	5.502
116.00	2345.7	70.2	152.40	1.7694	5.502
116.25	2345.7	70.3	152.40	1.7677	5.502
116.50	2345.7	70.3	152.40	1.7661	5.502
116.75	2345.7	70.3	152.40	1.7645	5.502

-----  
 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

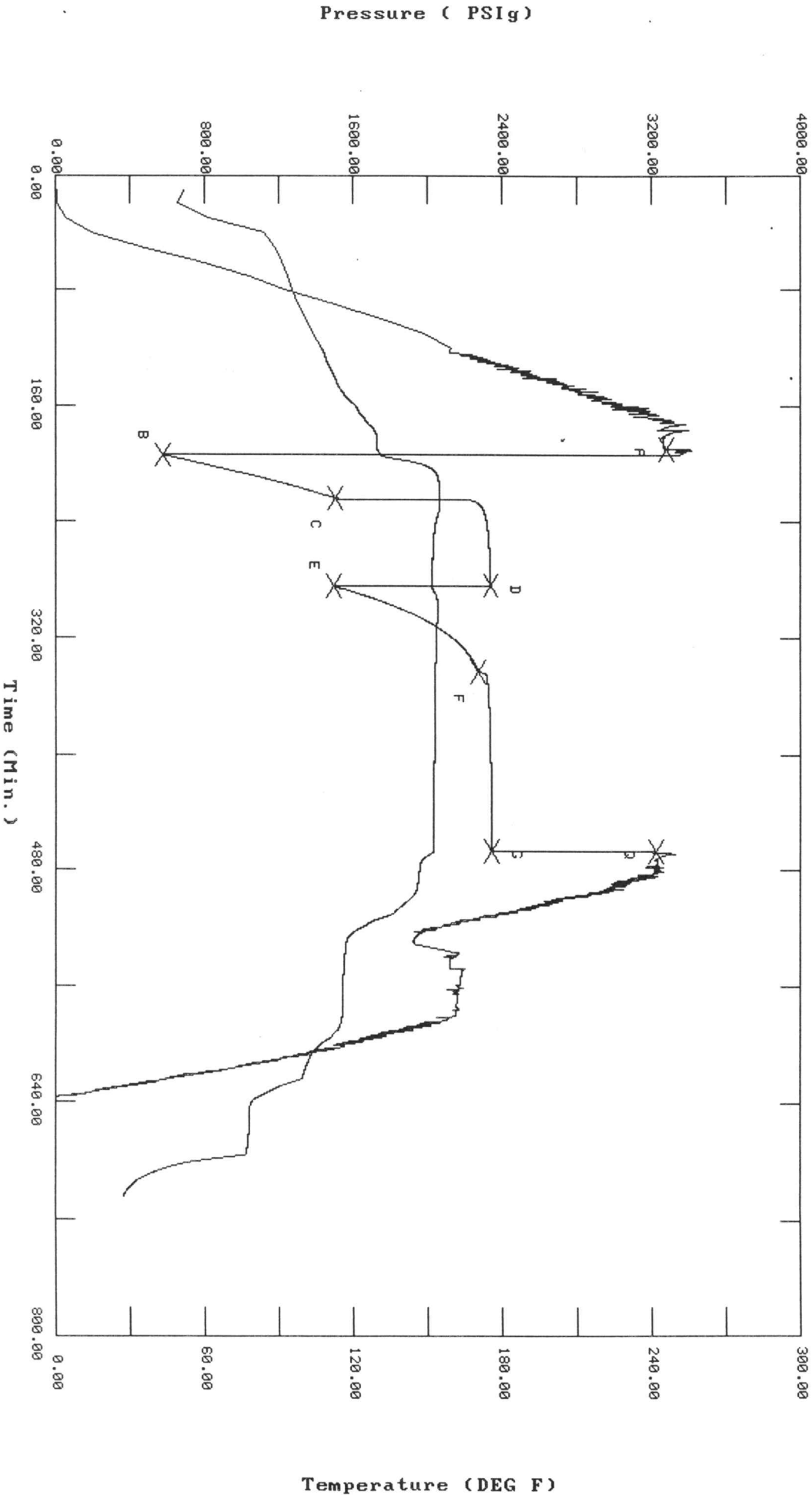
TEST: 9808 Brown #26-1 DST#2 Venus Exploration

DATE: 11/14/97 TIME: 10:55:40  
 -----

	Time	Pressure PSI <sub>g</sub>	delta P PSI <sub>g</sub>	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
	117.00	2345.8	70.3	152.39	1.7628	5.503
	117.25	2345.8	70.3	152.40	1.7612	5.503
	117.50	2345.8	70.4	152.40	1.7596	5.503
	117.75	2345.8	70.4	152.39	1.7580	5.503
	118.00	2345.8	70.4	152.39	1.7564	5.503
	118.25	2345.8	70.4	152.40	1.7548	5.503
	118.50	2345.9	70.4	152.39	1.7532	5.503
	118.75	2345.9	70.5	152.40	1.7516	5.503
	119.00	2345.9	70.5	152.39	1.7500	5.503
	119.25	2345.9	70.5	152.41	1.7484	5.503
	119.50	2345.9	70.5	152.40	1.7469	5.503
	119.75	2346.0	70.5	152.40	1.7453	5.504
	120.00	2346.0	70.5	152.39	1.7437	5.504
	120.25	2346.0	70.6	152.40	1.7422	5.504
	120.50	2346.0	70.6	152.39	1.7407	5.504
	120.75	2346.0	70.6	152.39	1.7391	5.504
	121.00	2346.0	70.6	152.40	1.7376	5.504
	121.25	2346.1	70.6	152.39	1.7361	5.504
	121.50	2346.1	70.6	152.39	1.7346	5.504
	121.75	2346.1	70.7	152.39	1.7331	5.504
	122.00	2346.1	70.6	152.40	1.7316	5.504
***** End Shut-in 2	122.25	2346.1	70.7	152.38	1.7301	5.504
***** Final Hydro.	466.75	3221.2	0.0	152.37		

# TEST HISTORY

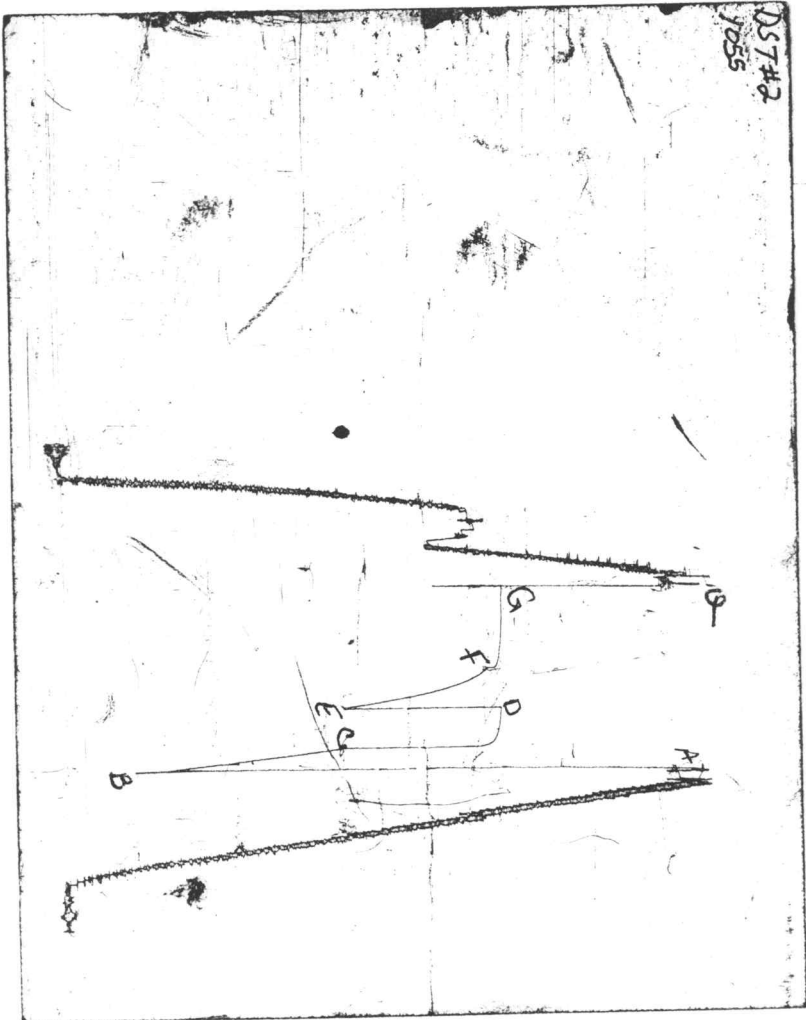
9808 Brown #26-1 DST#2 Venus Exploration



Flag Points

t (Min.)	P (PSig)
A: 0.00	3278.16
B: 0.00	571.30
C: 30.00	1500.34
D: 60.50	2339.95
E: 0.00	1493.86
F: 59.25	2275.44
G: 122.25	2346.11
H: 0.00	3221.23

CHART PAGE



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



# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601 • (913) 625-4778

## GAS VOLUME REPORT

Venus Exploration Inc.  
OPERATOR

Brown #26-1  
WELL NAME AND NO.

2  
DST NO.

Min.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
6	36	closed	No gas	5	4	1/4"	No gas
10	15	1/4"	}	10	8	}	}
15	0	3/4"		15	10		
20	20	closed	20	10			
25	16	1/4"	25	10			
30	30	1/4"	30	10			
			35	8			
			40	7			
			45	5			
			50	3			
			55	2			
			60	1	1/4"	No gas	

Remarks: Air volume had changed odor.  
A data take complete

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

No 9808

Well Name & No. <u>Brown #26-1</u>	Test No. <u>2</u>	Date <u>11-14-97</u>
Company <u>Venus Exploration, Inc.</u>	Zone Tested <u>Arbuckle</u>	
Address <u>700 N. St. Mary's St. Suite #1900 San Antonio Tr</u>	Elevation <u>2740</u>	KB <u>2730</u> GL
Co. Rep / Geo. <u>Bob Moorhead</u>	Cont. <u>Abercrombie #5</u>	Est. Ft. of Pay <u>    </u> Por. <u>    </u> %
Location: Sec. <u>26</u>	Twp. <u>33s</u>	Rge. <u>3/4</u> Co. <u>Seward</u> State <u>Kansas</u>
No. of Copies <u>    </u>	Distribution Sheet (Y, N) <u>    </u>	Turnkey (Y, N) <u>    </u> Evaluation (Y, N) <u>    </u>

Interval Tested 6985' - 7015' Initial Str Wt./Lbs. 93,000 Unseated Str Wt./Lbs. 110,000  
Anchor Length 30' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 129,000  
Top Packer Depth 6980' Tool Weight 1,800  
Bottom Packer Depth 6985' Hole Size — 7 7/8" X Rubber Size — 6 3/4" X  
Total Depth 7015' Wt. Pipe Run      Drill Collar Run 308'  
Mud Wt. 9.1 LCM 6# Vis. 64 WL 8.0 Drill Pipe Size 4 1/2" hole Ft. Run 6662'  
Blow Description FF - Strong blow. BOB in 2 min. (No GTS)

ISE - No blow back  
SF - Strong blow. BOB in 2 min.  
FSI - No blow back

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>4400</u>	<u>    </u>	<u>308'</u>	<u>4092'</u>
Rec. <u>60'</u> Feet Of <u>Water - mud</u>	%gas	%oil	2 %water 98 %mud
Rec. <u>    </u> Feet Of <u>Dropped bit and pulled</u>	%gas	%oil	%water %mud
Rec. <u>    </u> Feet Of <u>dry</u>	%gas	%oil	%water %mud
Rec. <u>93'</u> Feet Of <u>water - slight mud</u>	%gas	%oil	98 %water 2 %mud
Rec. <u>93'</u> Feet Of <u>water - slight mud</u>	%gas	%oil	98 %water 2 %mud

BHT 152 °F Gravity      °API D@      °F Corrected Gravity      °API

RW 290 @ 27.8 °F Chlorides 42,000 ppm Recovery Chlorides 700 ppm System

(A) Initial Hydrostatic Mud <u>3278</u>	<u>3217</u> PSI	Recorder No. <u>3024</u>	T-Started <u>11:15 AM</u>
(B) First Initial Flow Pressure <u>571</u>	<u>379</u> PSI	(depth) <u>6988'</u>	T-Open <u>14:09 pm</u>
(C) First Final Flow Pressure <u>1500</u>	<u>1461</u> PSI	Recorder No. <u>1055</u>	T-Pulled <u>18:39 pm</u>
(D) Initial Shut-in Pressure <u>2339</u>	<u>2268</u> PSI	(depth) <u>7015'</u>	T-Out <u>22:15 pm</u>
(E) Second Initial Flow Pressure <u>1493</u>	<u>1461</u> PSI	Recorder No. <u>    </u>	
(F) Second Final Flow Pressure <u>2275</u>	<u>2197</u> PSI	(depth) <u>    </u>	
(G) Final Shut-in Pressure <u>2346</u>	<u>2319</u> PSI	Initial Opening <u>30 min</u>	Test <u>Conventional 1100</u>
(H) Final Hydrostatic Mud <u>3221</u>	<u>3177</u> PSI	Initial Shut-in <u>10 min</u>	Jars <u>200</u>
		Final Flow <u>60 min</u>	Safety Joint <u>50</u>
		Final Shut-in <u>120 min</u>	Straddle <u>    </u>

Circ. Sub  35

Sampler     

Extra Packer     

Elect. Rec.  150

Other     

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Approved By Robert Moorhead