

WELL NAME: Dauwe B-3.
COMPANY: American Energies
LOCATION: 30-10S-18W
Rooks County Kansas
DATE: 06/11/97

TRILOBITE TESTING L.L.C.

OPERATOR : American Energies Corp.
 WELL NAME: Dauwe B-#3
 LOCATION : Sec 30 Twp.10s Rge.18w
 INTERVAL : 3204.00 To 3230.00 ft

DATE 06/08/97

KB 2058.00 ft TICKET NO: 10181 DST #1
 GR 2053.00 ft FORMATION: Plattsmouth
 TD 3230.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	11084	11084	2346			PF Fr. 0854 to 0939 hr
SI 45 Range(Psi)	4350.0	4350.0	4995.0	0.0	0.0	IS Fr. 0939 to 1027 hr
SF 30 Clock(hrs)	12hr.	12hr.	Elec			SF Fr. 1027 to 1057 hr
FS 30 Depth(ft)	3225.0	3225.5	3207.0	0.0	0.0	FS Fr. 1057 to 1107 hr

	Field	1	2	3	4	
A. Init Hydro	1616.0	1607.0	1575.0	0.0	0.0	T STARTED 0750 hr
B. First Flow	44.0	40.0	17.0	0.0	0.0	T ON BOTM 0852 hr
B1. Final Flow	55.0	49.0	38.0	0.0	0.0	T OPEN 0854 hr
C. In Shut-in	613.0	612.0	613.0	0.0	0.0	T PULLED 1107 hr
D. Init Flow	66.0	61.0	38.0	0.0	0.0	T OUT 1231 hr
E. Final Flow	66.0	61.0	47.0	0.0	0.0	
F. Fl Shut-in	526.0	529.0	535.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1606.0	1562.0	1552.0	0.0	0.0	Tool Wt. 1900.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 47000.00 lbs
						Initial Str Wt 44000.00 lbs
						Unseated Str Wt 44000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 185.00 ft
						D.P. Length 3012.00 ft

RECOVERY

Tot Fluid 61.00 ft of 61.00 ft in DC and 0.00 ft in DP
 61.00 ft of Mud w/oil specks
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

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

BLOW DESCRIPTION

Initial Flow-
 weak 1/4" building to 1"

Initial Shutin-
 no blow

Final Flow-
 no blow flushed tool no blow after
 surge

Final Shutin-
 no blow

SAMPLES:
 SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	44.00 S/L
W.L.	8.00 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	101.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Paul Simpson
Co. Rep.	Jamie Hess
Contr.	Mallard
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Dauwe B-#3

LOCATION : Sec 30 Twp.10s Rge.18w

TICKET No. 10181 D.S.T. No. 1 DATE 06/08/97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 20

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 26 perf

TOTAL TOOL 46

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 46

D.C. ABOVE TOOLS.Stands3 Single Total 185

D.P. ABOVE TOOLS.Stands Single Total 3012

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3243

TOTAL DEPTH 3230

TOTAL DRILL PIPE ABOVE K.B. 13

REMARKS:

P.O. SUB		
C.O. SUB Top of tool @		3184
S.I. TOOL H & T		3290
HMV Sterling		3195
JARS Sterling		n/a
SAFETY JOINT Bowen		n/a
PACKER Top		3199
PACKER Bottom		3204
DEPTH	3204	
STUBB 1'		3205
ANCHOR		
2' perf		3207
Alpine rec. @	3207	
5' perf		3212
5' perf		3217
5' perf		3222
T.C. DEPTH		
AK-1 rec @	3225	
5' perf		3227
BULLNOSE 3' bullplug		
T.D. to		3230

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10181 American Energies Dauwe B #3 DST #1

DATE: 06/08/97 TIME: 06:18:11

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	161.00	1575.3	0.0	101.35		
***** Start Flow 1	0.00	17.1	0.0	101.37		
	0.25	17.9	0.8	101.40		
	0.50	18.2	1.1	101.44		
	0.75	18.5	1.4	101.46		
	1.00	18.8	1.6	101.49		
	1.25	19.0	1.9	101.51		
	1.50	19.2	2.1	101.52		
	1.75	19.4	2.3	101.55		
	2.00	19.4	2.3	101.57		
	2.25	19.6	2.4	101.58		
	2.50	19.6	2.5	101.59		
	2.75	19.9	2.7	101.61		
	3.00	20.1	2.9	101.61		
	3.25	20.2	3.1	101.62		
	3.50	20.3	3.2	101.64		
	3.75	20.5	3.3	101.63		
	4.00	20.7	3.6	101.64		
	4.25	20.9	3.8	101.65		
	4.50	21.1	3.9	101.65		
	4.75	21.3	4.2	101.66		
	5.00	21.5	4.4	101.66		
	5.25	21.6	4.5	101.67		
	5.50	21.8	4.7	101.67		
	5.75	21.9	4.8	101.68		
	6.00	22.1	5.0	101.67		
	6.25	22.3	5.2	101.68		
	6.50	22.4	5.3	101.68		
	6.75	22.6	5.4	101.68		
	7.00	22.7	5.6	101.69		
	7.25	22.9	5.8	101.69		
	7.50	23.1	5.9	101.69		
	7.75	23.2	6.1	101.69		
	8.00	23.4	6.2	101.69		
	8.25	23.5	6.3	101.70		
	8.50	23.7	6.5	101.69		
	8.75	23.8	6.7	101.70		
	9.00	24.0	6.9	101.70		
	9.25	24.1	7.0	101.70		
	9.50	24.2	7.1	101.70		
	9.75	24.4	7.2	101.70		
	10.00	24.5	7.4	101.70		
	10.25	24.7	7.5	101.71		
	10.50	24.8	7.7	101.71		
	10.75	25.0	7.8	101.71		
	11.00	25.0	7.9	101.71		
	11.25	25.1	8.0	101.71		
	11.50	25.3	8.1	101.71		
	11.75	25.4	8.3	101.72		
	12.00	25.6	8.4	101.71		
	12.25	25.7	8.5	101.71		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10181 American Energies Dauwe B #3 DST #1

DATE: 06/08/97

TIME: 06:18:11

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
12.50	25.8	8.7	101.72		
12.75	26.0	8.9	101.72		
13.00	26.2	9.1	101.72		
13.25	26.3	9.2	101.72		
13.50	26.5	9.4	101.73		
13.75	26.7	9.6	101.72		
14.00	26.8	9.7	101.73		
14.25	26.9	9.8	101.73		
14.50	27.1	10	101.73		
14.75	27.2	10.1	101.73		
15.00	27.4	10.3	101.73		
15.25	27.4	10.3	101.73		
15.50	27.5	10.4	101.74		
15.75	27.6	10.5	101.73		
16.00	27.7	10.6	101.73		
16.25	27.9	10.7	101.74		
16.50	28.0	10.9	101.74		
16.75	28.1	11.0	101.74		
17.00	28.2	11.0	101.75		
17.25	28.3	11.2	101.75		
17.50	28.4	11.2	101.75		
17.75	28.5	11.3	101.75		
18.00	28.5	11.4	101.75		
18.25	28.6	11.5	101.75		
18.50	28.8	11.6	101.75		
18.75	28.8	11.7	101.75		
19.00	28.9	11.8	101.76		
19.25	29.0	11.9	101.76		
19.50	29.1	12.0	101.76		
19.75	29.2	12.1	101.76		
20.00	29.3	12.2	101.76		
20.25	29.4	12.3	101.77		
20.50	29.4	12.3	101.77		
20.75	29.5	12.4	101.77		
21.00	29.7	12.5	101.77		
21.25	29.7	12.6	101.78		
21.50	29.9	12.7	101.78		
21.75	30.0	12.8	101.78		
22.00	30.0	12.9	101.78		
22.25	30.2	13.0	101.78		
22.50	30.2	13.1	101.78		
22.75	30.3	13.2	101.79		
23.00	30.4	13.2	101.80		
23.25	30.4	13.3	101.80		
23.50	30.4	13.3	101.79		
23.75	30.6	13.5	101.80		
24.00	30.7	13.5	101.80		
24.25	30.7	13.6	101.80		
24.50	30.8	13.6	101.81		
24.75	30.8	13.7	101.81		
25.00	30.9	13.8	101.81		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10181 American Energies Dauwe B #3 DST #1

DATE: 06/08/97

TIME: 06:18:11

Time	Pressure PSIG	delta P PSIG	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
25.25	31.0	13.9	101.82		
25.50	31.0	13.9	101.82		
25.75	31.0	13.9	101.82		
26.00	31.1	14.0	101.82		
26.25	31.2	14.1	101.82		
26.50	31.2	14.1	101.82		
26.75	31.3	14.2	101.83		
27.00	31.4	14.3	101.84		
27.25	31.5	14.4	101.83		
27.50	31.6	14.5	101.82		
27.75	31.7	14.5	101.83		
28.00	31.7	14.6	101.83		
28.25	31.7	14.6	101.82		
28.50	31.8	14.7	101.84		
28.75	31.9	14.7	101.84		
29.00	31.9	14.8	101.84		
29.25	32.0	14.9	101.85		
29.50	32.0	14.9	101.84		
29.75	32.1	14.9	101.85		
30.00	32.2	15.1	101.85		
30.25	32.1	15.0	101.86		
30.50	32.3	15.2	101.86		
30.75	32.4	15.2	101.86		
31.00	32.4	15.3	101.87		
31.25	32.4	15.2	101.87		
31.50	32.3	15.2	101.88		
31.75	32.3	15.2	101.88		
32.00	32.3	15.2	101.88		
32.25	32.4	15.3	101.89		
32.50	32.5	15.4	101.90		
32.75	32.5	15.4	101.91		
33.00	32.7	15.5	101.92		
33.25	32.8	15.7	101.92		
33.50	32.9	15.8	101.93		
33.75	33.0	15.9	101.94		
34.00	33.1	16.0	101.94		
34.25	33.2	16.1	101.95		
34.50	33.2	16.1	101.97		
34.75	33.3	16.2	101.97		
35.00	33.4	16.2	101.98		
35.25	33.4	16.3	101.98		
35.50	33.5	16.4	102.00		
35.75	33.6	16.5	102.00		
36.00	33.6	16.5	102.00		
36.25	33.8	16.7	102.01		
36.50	33.9	16.7	102.01		
36.75	34.1	16.9	102.03		
37.00	34.1	17.0	102.03		
37.25	34.1	17.0	102.04		
37.50	34.3	17.1	102.05		
37.75	34.5	17.4	102.05		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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DATE: 06/08/97

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	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	38.00	34.5	17.4	102.06		
	38.25	34.7	17.6	102.07		
	38.50	34.9	17.7	102.07		
	38.75	35.0	17.9	102.07		
	39.00	35.1	18.0	102.08		
	39.25	35.3	18.2	102.08		
	39.50	35.4	18.3	102.08		
	39.75	35.5	18.4	102.09		
	40.00	35.5	18.4	102.09		
	40.25	35.5	18.4	102.10		
	40.50	35.6	18.4	102.10		
	40.75	35.6	18.5	102.11		
	41.00	35.7	18.5	102.11		
	41.25	35.7	18.6	102.12		
	41.50	35.8	18.7	102.13		
	41.75	35.8	18.7	102.13		
	42.00	35.9	18.8	102.13		
	42.25	35.9	18.8	102.14		
	42.50	36.0	18.8	102.14		
	42.75	36.0	18.9	102.16		
	43.00	36.0	18.9	102.16		
	43.25	36.1	19.0	102.17		
	43.50	36.1	19.0	102.17		
	43.75	36.1	19.0	102.17		
	44.00	36.2	19.1	102.18		
	44.25	36.2	19.1	102.19		
	44.50	36.2	19.1	102.19		
***** End Flow 1	44.75	36.3	19.1	102.20		
***** Start Shutin 1	0.00	36.3	0.0	102.20	0.0000	0.001
	0.25	38.0	1.7	102.21	180.0000	0.001
	0.50	43.7	7.5	102.21	90.5000	0.002
	0.75	50.1	13.8	102.22	60.6667	0.003
	1.00	57.5	21.2	102.23	45.7500	0.003
	1.25	66.4	30.2	102.23	36.8000	0.004
	1.50	77.3	41.0	102.24	30.8333	0.006
	1.75	90.2	54.0	102.24	26.5714	0.008
	2.00	105.4	69.2	102.25	23.3750	0.011
	2.25	122.5	86.3	102.26	20.8889	0.015
	2.50	142.4	106.1	102.26	18.9000	0.020
	2.75	164.2	128.0	102.27	17.2727	0.027
	3.00	187.3	151.0	102.28	15.9167	0.035
	3.25	210.3	174.0	102.28	14.7692	0.044
	3.50	232.6	196.3	102.28	13.7857	0.054
	3.75	253.8	217.5	102.29	12.9333	0.064
	4.00	273.5	237.3	102.30	12.1875	0.075
	4.25	291.6	255.3	102.30	11.5294	0.085
	4.50	308.1	271.9	102.31	10.9444	0.095
	4.75	322.9	286.6	102.31	10.4211	0.104
	5.00	336.5	300.2	102.32	9.9500	0.113
	5.25	348.8	312.5	102.33	9.5238	0.122
	5.50	360.1	323.8	102.33	9.1364	0.130

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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Time	Pressure PSig	delta P PSig	P	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
5.75	370.3	334.1	102.34	8.7826	0.137	
6.00	379.8	343.5	102.35	8.4583	0.144	
6.25	388.5	352.2	102.35	8.1600	0.151	
6.50	396.6	360.3	102.36	7.8846	0.157	
6.75	404.0	367.8	102.37	7.6296	0.163	
7.00	411.0	374.8	102.37	7.3929	0.169	
7.25	417.6	381.3	102.38	7.1724	0.174	
7.50	423.6	387.3	102.38	6.9667	0.179	
7.75	429.3	393.1	102.39	6.7742	0.184	
8.00	434.6	398.4	102.39	6.5938	0.189	
8.25	439.7	403.4	102.40	6.4242	0.193	
8.50	444.4	408.2	102.41	6.2647	0.198	
8.75	448.9	412.6	102.42	6.1143	0.202	
9.00	453.1	416.8	102.41	5.9722	0.205	
9.25	457.1	420.9	102.42	5.8378	0.209	
9.50	460.9	424.6	102.43	5.7105	0.212	
9.75	464.6	428.3	102.43	5.5897	0.216	
10.00	468.0	431.7	102.43	5.4750	0.219	
10.25	471.2	434.9	102.45	5.3659	0.222	
10.50	474.4	438.1	102.45	5.2619	0.225	
10.75	477.4	441.1	102.45	5.1628	0.228	
11.00	480.3	444.0	102.46	5.0682	0.231	
11.25	483.0	446.7	102.45	4.9778	0.233	
11.50	485.7	449.4	102.47	4.8913	0.236	
11.75	488.3	452.0	102.47	4.8085	0.238	
12.00	490.8	454.5	102.47	4.7292	0.241	
12.25	493.2	456.9	102.48	4.6531	0.243	
12.50	495.5	459.2	102.48	4.5800	0.246	
12.75	497.7	461.4	102.48	4.5098	0.248	
13.00	499.9	463.6	102.49	4.4423	0.250	
13.25	501.9	465.7	102.50	4.3774	0.252	
13.50	504.0	467.7	102.50	4.3148	0.254	
13.75	505.9	469.6	102.50	4.2545	0.256	
14.00	507.9	471.7	102.49	4.1964	0.258	
14.25	509.8	473.5	102.50	4.1404	0.260	
14.50	511.6	475.3	102.51	4.0862	0.262	
14.75	513.3	477.1	102.51	4.0339	0.264	
15.00	515.1	478.8	102.52	3.9833	0.265	
15.25	516.8	480.5	102.52	3.9344	0.267	
15.50	518.4	482.1	102.53	3.8871	0.269	
15.75	519.9	483.7	102.53	3.8413	0.270	
16.00	521.5	485.3	102.53	3.7969	0.272	
16.25	523.0	486.7	102.53	3.7538	0.274	
16.50	524.5	488.2	102.53	3.7121	0.275	
16.75	526.0	489.7	102.54	3.6716	0.277	
17.00	527.4	491.1	102.55	3.6324	0.278	
17.25	528.8	492.5	102.55	3.5942	0.280	
17.50	530.1	493.8	102.56	3.5571	0.281	
17.75	531.4	495.2	102.56	3.5211	0.282	
18.00	532.8	496.5	102.55	3.4861	0.284	
18.25	534.1	497.8	102.56	3.4521	0.285	

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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DATE: 06/08/97 TIME: 06:18:11

Time	Pressure PSIg	delta P PSIg	P	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
18.50	535.3	499.0		102.56	3.4189	0.286
18.75	536.5	500.3		102.56	3.3867	0.288
19.00	537.7	501.5		102.56	3.3553	0.289
19.25	539.0	502.7		102.57	3.3247	0.290
19.50	540.2	503.9		102.57	3.2949	0.292
19.75	541.3	505.1		102.57	3.2658	0.293
20.00	542.4	506.1		102.57	3.2375	0.294
20.25	543.5	507.2		102.58	3.2099	0.295
20.50	544.6	508.3		102.58	3.1829	0.297
20.75	545.6	509.4		102.58	3.1566	0.298
21.00	546.7	510.5		102.58	3.1310	0.299
21.25	547.8	511.5		102.59	3.1059	0.300
21.50	548.8	512.5		102.59	3.0814	0.301
21.75	549.8	513.5		102.60	3.0575	0.302
22.00	550.8	514.5		102.55	3.0341	0.303
22.25	551.8	515.5		102.59	3.0112	0.304
22.50	552.7	516.5		102.60	2.9889	0.306
22.75	553.7	517.4		102.59	2.9670	0.307
23.00	554.8	518.5		102.61	2.9457	0.308
23.25	555.6	519.3		102.60	2.9247	0.309
23.50	556.5	520.3		102.61	2.9043	0.310
23.75	557.4	521.2		102.61	2.8842	0.311
24.00	558.4	522.1		102.61	2.8646	0.312
24.25	559.1	522.9		102.61	2.8454	0.313
24.50	560.0	523.8		102.61	2.8265	0.314
24.75	560.9	524.7		102.62	2.8081	0.315
25.00	561.7	525.4		102.61	2.7900	0.315
25.25	562.6	526.3		102.62	2.7723	0.317
25.50	563.3	527.1		102.62	2.7549	0.317
25.75	564.2	527.9		102.62	2.7379	0.318
26.00	565.1	528.8		102.63	2.7212	0.319
26.25	565.8	529.5		102.63	2.7048	0.320
26.50	566.6	530.3		102.63	2.6887	0.321
26.75	567.4	531.1		102.64	2.6729	0.322
27.00	568.1	531.8		102.64	2.6574	0.323
27.25	568.8	532.6		102.64	2.6422	0.324
27.50	569.6	533.3		102.64	2.6273	0.324
27.75	570.4	534.1		102.64	2.6126	0.325
28.00	571.1	534.8		102.64	2.5982	0.326
28.25	571.8	535.6		102.65	2.5841	0.327
28.50	572.6	536.3		102.65	2.5702	0.328
28.75	573.2	537.0		102.65	2.5565	0.329
29.00	574.0	537.7		102.66	2.5431	0.329
29.25	574.6	538.4		102.66	2.5299	0.330
29.50	575.3	539.1		102.66	2.5169	0.331
29.75	576.0	539.7		102.66	2.5042	0.332
30.00	576.6	540.4		102.66	2.4917	0.333
30.25	577.4	541.1		102.66	2.4793	0.333
30.50	578.1	541.8		102.66	2.4672	0.334
30.75	578.7	542.4		102.67	2.4553	0.335
31.00	579.4	543.1		102.66	2.4435	0.336

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10181 American Energies Dauwe B #3 DST #1

DATE: 06/08/97

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Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
31.25	579.9	543.6	102.67	2.4320	0.336
31.50	580.5	544.2	102.65	2.4206	0.337
31.75	581.2	544.9	102.67	2.4094	0.338
32.00	581.8	545.5	102.67	2.3984	0.338
32.25	582.4	546.1	102.66	2.3876	0.339
32.50	583.0	546.7	102.68	2.3769	0.340
32.75	583.6	547.4	102.68	2.3664	0.341
33.00	584.3	548.0	102.68	2.3561	0.341
33.25	584.8	548.5	102.69	2.3459	0.342
33.50	585.4	549.1	102.69	2.3358	0.343
33.75	586.0	549.7	102.69	2.3259	0.343
34.00	586.6	550.3	102.69	2.3162	0.344
34.25	587.1	550.8	102.69	2.3066	0.345
34.50	587.7	551.4	102.70	2.2971	0.345
34.75	588.3	552.0	102.70	2.2878	0.346
35.00	588.8	552.6	102.70	2.2786	0.347
35.25	589.4	553.1	102.70	2.2695	0.347
35.50	590.0	553.7	102.70	2.2606	0.348
35.75	590.5	554.2	102.70	2.2517	0.349
36.00	591.0	554.7	102.70	2.2431	0.349
36.25	591.6	555.3	102.70	2.2345	0.350
36.50	592.2	555.9	102.71	2.2260	0.351
36.75	592.6	556.3	102.71	2.2177	0.351
37.00	593.2	556.9	102.72	2.2095	0.352
37.25	593.7	557.4	102.71	2.2013	0.352
37.50	594.3	558.0	102.71	2.1933	0.353
37.75	594.8	558.5	102.72	2.1854	0.354
38.00	595.2	558.9	102.72	2.1776	0.354
38.25	595.7	559.4	102.74	2.1699	0.355
38.50	596.2	560.0	102.72	2.1623	0.355
38.75	596.7	560.4	102.72	2.1548	0.356
39.00	597.3	561.0	102.73	2.1474	0.357
39.25	597.8	561.5	102.73	2.1401	0.357
39.50	598.3	562.0	102.73	2.1329	0.358
39.75	598.8	562.5	102.73	2.1258	0.359
40.00	599.3	563.0	102.74	2.1187	0.359
40.25	599.7	563.5	102.73	2.1118	0.360
40.50	600.2	563.9	102.74	2.1049	0.360
40.75	600.6	564.3	102.74	2.0982	0.361
41.00	601.1	564.8	102.74	2.0915	0.361
41.25	601.5	565.2	102.75	2.0848	0.362
41.50	601.9	565.7	102.75	2.0783	0.362
41.75	602.4	566.2	102.74	2.0719	0.363
42.00	602.9	566.6	102.75	2.0655	0.363
42.25	603.3	567.0	102.75	2.0592	0.364
42.50	603.9	567.6	102.75	2.0529	0.365
42.75	604.3	568.0	102.76	2.0468	0.365
43.00	604.8	568.5	102.76	2.0407	0.366
43.25	605.1	568.9	102.75	2.0347	0.366
43.50	605.6	569.3	102.76	2.0287	0.367
43.75	606.1	569.8	102.76	2.0229	0.367

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10181 American Energies Dauwe B #3 DST #1
 DATE: 06/08/97 TIME: 06:18:11

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	44.00	606.5	570.2	102.76	2.0170	0.368
	44.25	606.9	570.7	102.76	2.0113	0.368
	44.50	607.2	571.0	102.76	2.0056	0.369
	44.75	607.7	571.4	102.77	2.0000	0.369
	45.00	608.1	571.8	102.77	1.9944	0.370
	45.25	608.6	572.4	102.77	1.9890	0.370
	45.50	608.9	572.6	102.76	1.9835	0.371
	45.75	609.3	573.0	102.77	1.9781	0.371
	46.00	609.8	573.5	102.77	1.9728	0.372
	46.25	610.2	573.9	102.77	1.9676	0.372
	46.50	610.6	574.4	102.77	1.9624	0.373
	46.75	611.0	574.8	102.78	1.9572	0.373
	47.00	611.3	575.1	102.78	1.9521	0.374
	47.25	611.7	575.5	102.77	1.9471	0.374
	47.50	612.1	575.8	102.79	1.9421	0.375
	47.75	612.5	576.3	102.78	1.9372	0.375
	48.00	612.9	576.6	102.79	1.9323	0.376
	48.25	613.3	577.0	102.79	1.9275	0.376
<***** End Shut-in 1	48.50	613.3	577.0	102.78	1.9227	0.376
<***** Start Flow 2	0.00	37.6	0.0	102.79		
	0.25	37.9	0.3	102.78		
	0.50	38.0	0.4	102.78		
	0.75	38.1	0.5	102.78		
	1.00	38.1	0.5	102.78		
	1.25	38.4	0.8	102.77		
	1.50	38.4	0.9	102.78		
	1.75	38.5	0.9	102.77		
	2.00	38.6	1.1	102.76		
	2.25	39.0	1.4	102.76		
	2.50	39.1	1.5	102.76		
	2.75	1566.3	1528.7	102.77		
	3.00	42.0	4.4	102.76		
	3.25	42.3	4.7	102.75		
	3.50	42.4	4.8	102.76		
	3.75	42.5	4.9	102.76		
	4.00	42.5	4.9	102.75		
	4.25	42.6	5.0	102.75		
	4.50	42.7	5.1	102.75		
	4.75	42.9	5.3	102.75		
	5.00	42.8	5.2	102.74		
	5.25	42.8	5.2	102.74		
	5.50	42.8	5.2	102.74		
	5.75	42.6	5.1	102.73		
	6.00	42.4	4.9	102.73		
	6.25	42.3	4.7	102.73		
	6.50	42.2	4.6	102.73		
	6.75	42.2	4.6	102.73		
	7.00	42.1	4.5	102.72		
	7.25	42.2	4.6	102.72		
	7.50	42.3	4.7	102.72		
	7.75	42.6	5.0	102.72		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10181 American Energies Dauwe B #3 DST #1

DATE: 06/08/97

TIME: 06:18:11

Time	Pressure PSI _g	delta P PSI _g	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
8.00	42.6	5.1	102.71		
8.25	43.0	5.4	102.71		
8.50	43.2	5.6	102.71		
8.75	43.6	6.0	102.70		
9.00	43.9	6.3	102.70		
9.25	43.9	6.3	102.71		
9.50	43.9	6.3	102.71		
9.75	44.0	6.4	102.70		
10.00	44.1	6.6	102.70		
10.25	44.2	6.6	102.70		
10.50	44.2	6.7	102.70		
10.75	43.9	6.4	102.70		
11.00	43.9	6.4	102.71		
11.25	43.9	6.3	102.70		
11.50	44.0	6.4	102.70		
11.75	44.1	6.5	102.71		
12.00	44.4	6.8	102.70		
12.25	44.4	6.8	102.70		
12.50	44.2	6.6	102.71		
12.75	44.1	6.5	102.71		
13.00	44.0	6.5	102.70		
13.25	44.1	6.5	102.71		
13.50	44.1	6.5	102.71		
13.75	44.2	6.6	102.72		
14.00	44.2	6.6	102.72		
14.25	44.3	6.7	102.72		
14.50	44.3	6.8	102.72		
14.75	44.4	6.8	102.72		
15.00	44.4	6.9	102.73		
15.25	44.4	6.9	102.73		
15.50	44.5	6.9	102.73		
15.75	44.5	6.9	102.73		
16.00	44.5	6.9	102.73		
16.25	44.5	6.9	102.73		
16.50	44.6	7.0	102.74		
16.75	44.7	7.1	102.74		
17.00	44.7	7.1	102.74		
17.25	44.7	7.1	102.74		
17.50	44.8	7.2	102.75		
17.75	44.9	7.3	102.75		
18.00	44.9	7.3	102.76		
18.25	45.0	7.4	102.76		
18.50	45.0	7.5	102.76		
18.75	45.1	7.5	102.76		
19.00	45.1	7.5	102.77		
19.25	45.2	7.7	102.76		
19.50	45.3	7.7	102.77		
19.75	45.3	7.8	102.77		
20.00	45.4	7.9	102.78		
20.25	45.5	8.0	102.78		
20.50	45.6	8.0	102.78		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10181 American Energies Dauwe B #3 DST #1

DATE: 06/08/97

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	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	20.75	45.6	8.1	102.79		
	21.00	45.7	8.1	102.79		
	21.25	45.8	8.3	102.79		
	21.50	45.8	8.3	102.80		
	21.75	45.8	8.3	102.80		
	22.00	45.9	8.3	102.80		
	22.25	45.9	8.4	102.81		
	22.50	45.9	8.3	102.81		
	22.75	45.9	8.4	102.81		
	23.00	46.0	8.4	102.82		
	23.25	46.0	8.5	102.82		
	23.50	46.1	8.5	102.82		
	23.75	46.0	8.5	102.83		
	24.00	46.1	8.5	102.83		
	24.25	46.2	8.6	102.83		
	24.50	46.3	8.8	102.83		
	24.75	46.3	8.8	102.83		
	25.00	46.4	8.8	102.84		
	25.25	46.5	8.9	102.84		
	25.50	46.5	9.0	102.85		
	25.75	46.5	9.0	102.85		
	26.00	46.6	9.1	102.85		
	26.25	46.7	9.1	102.86		
	26.50	46.7	9.1	102.86		
	26.75	46.8	9.2	102.86		
	27.00	46.9	9.3	102.87		
	27.25	46.9	9.3	102.87		
	27.50	47.0	9.4	102.87		
	27.75	47.1	9.5	102.87		
	28.00	47.1	9.5	102.87		
	28.25	47.2	9.6	102.89		
	28.50	47.2	9.7	102.88		
***** End Flow 2	28.75	47.3	9.7	102.88		
***** Start Shutin 2	0.00	47.3	0.0	102.88	0.0000	0.002
	0.25	46.7	-0.5	102.89	295.0000	0.002
	0.50	51.0	3.7	102.89	148.0000	0.003
	0.75	57.4	10.1	102.90	99.0000	0.003
	1.00	64.5	17.2	102.90	74.5000	0.004
	1.25	72.6	25.3	102.90	59.8000	0.005
	1.50	81.9	34.6	102.91	50.0000	0.007
	1.75	92.5	45.3	102.91	43.0000	0.009
	2.00	104.6	57.3	102.91	37.7500	0.011
	2.25	118.5	71.2	102.92	33.6667	0.014
	2.50	133.9	86.6	102.92	30.4000	0.018
	2.75	150.8	103.5	102.92	27.7273	0.023
	3.00	168.8	121.5	102.91	25.5000	0.029
	3.25	187.6	140.4	102.92	23.6154	0.035
	3.50	206.6	159.3	102.93	22.0000	0.043
	3.75	225.1	177.8	102.94	20.6000	0.051
	4.00	243.2	195.9	102.94	19.3750	0.059
	4.25	259.9	212.6	102.95	18.2941	0.068

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10181 American Energies Dauwe B #3 DST #1

DATE: 06/08/97

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Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
4.50	275.4	228.1	102.95	17.3333	0.076
4.75	289.5	242.2	102.95	16.4737	0.084
5.00	302.8	255.5	102.96	15.7000	0.092
5.25	314.8	267.5	102.96	15.0000	0.099
5.50	325.7	278.4	102.97	14.3636	0.106
5.75	335.8	288.5	102.97	13.7826	0.113
6.00	345.1	297.8	102.97	13.2500	0.119
6.25	353.5	306.2	102.98	12.7600	0.125
6.50	361.3	314.0	102.99	12.3077	0.131
6.75	368.6	321.3	102.99	11.8889	0.136
7.00	375.2	327.9	102.99	11.5000	0.141
7.25	381.4	334.1	103.00	11.1379	0.145
7.50	387.2	339.9	103.00	10.8000	0.150
7.75	392.6	345.3	103.01	10.4839	0.154
8.00	397.8	350.5	103.00	10.1875	0.158
8.25	402.5	355.2	103.01	9.9091	0.162
8.50	407.0	359.7	103.02	9.6471	0.166
8.75	411.3	364.0	103.02	9.4000	0.169
9.00	415.3	368.0	103.03	9.1667	0.172
9.25	419.1	371.8	103.03	8.9459	0.176
9.50	422.8	375.5	103.04	8.7368	0.179
9.75	426.2	378.9	103.03	8.5385	0.182
10.00	429.5	382.2	103.04	8.3500	0.184
10.25	432.6	385.3	103.04	8.1707	0.187
10.50	435.6	388.3	103.05	8.0000	0.190
10.75	438.4	391.1	103.06	7.8372	0.192
11.00	441.2	393.9	103.06	7.6818	0.195
11.25	443.7	396.5	103.06	7.5333	0.197
11.50	446.3	399.0	103.07	7.3913	0.199
11.75	448.7	401.4	103.07	7.2553	0.201
12.00	451.0	403.7	103.07	7.1250	0.203
12.25	453.3	406.0	103.07	7.0000	0.205
12.50	455.5	408.2	103.08	6.8800	0.207
12.75	457.6	410.3	103.08	6.7647	0.209
13.00	459.6	412.3	103.09	6.6538	0.211
13.25	461.7	414.4	103.09	6.5472	0.213
13.50	463.6	416.3	103.09	6.4444	0.215
13.75	465.4	418.1	103.10	6.3455	0.217
14.00	467.3	420.0	103.10	6.2500	0.218
14.25	469.0	421.7	103.10	6.1579	0.220
14.50	470.7	423.4	103.10	6.0690	0.222
14.75	472.4	425.1	103.11	5.9831	0.223
15.00	474.0	426.7	103.11	5.9000	0.225
15.25	475.5	428.2	103.11	5.8197	0.226
15.50	477.1	429.8	103.12	5.7419	0.228
15.75	478.7	431.4	103.12	5.6667	0.229
16.00	480.1	432.8	103.12	5.5938	0.230
16.25	481.5	434.3	103.12	5.5231	0.232
16.50	483.0	435.7	103.12	5.4545	0.233
16.75	484.4	437.1	103.12	5.3881	0.235
17.00	485.7	438.4	103.12	5.3235	0.236

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10181 American Energies Dauwe B #3 DST #1

DATE: 06/08/97

TIME: 06:18:11

Time	Pressure PSIg	delta P PSIg	P	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
17.25	487.0	439.8	103.12	5.2609	0.237	
17.50	488.3	441.0	103.13	5.2000	0.238	
17.75	489.6	442.3	103.13	5.1408	0.240	
18.00	490.9	443.6	103.13	5.0833	0.241	
18.25	492.1	444.8	103.13	5.0274	0.242	
18.50	493.3	446.0	103.14	4.9730	0.243	
18.75	494.5	447.2	103.14	4.9200	0.245	
19.00	495.6	448.3	103.14	4.8684	0.246	
19.25	496.9	449.6	103.15	4.8182	0.247	
19.50	497.9	450.7	103.15	4.7692	0.248	
19.75	499.0	451.7	103.15	4.7215	0.249	
20.00	500.1	452.8	103.15	4.6750	0.250	
20.25	501.1	453.8	103.14	4.6296	0.251	
20.50	502.2	454.9	103.15	4.5854	0.252	
20.75	503.2	455.9	103.15	4.5422	0.253	
21.00	504.2	457.0	103.15	4.5000	0.254	
21.25	505.2	457.9	103.16	4.4588	0.255	
21.50	506.2	458.9	103.16	4.4186	0.256	
21.75	507.2	459.9	103.16	4.3793	0.257	
22.00	508.2	460.9	103.17	4.3409	0.258	
22.25	509.1	461.8	103.16	4.3034	0.259	
22.50	510.0	462.7	103.17	4.2667	0.260	
22.75	510.9	463.6	103.17	4.2308	0.261	
23.00	511.7	464.5	103.17	4.1957	0.262	
23.25	512.6	465.4	103.17	4.1613	0.263	
23.50	513.5	466.2	103.17	4.1277	0.264	
23.75	514.4	467.1	103.17	4.0947	0.265	
24.00	515.2	467.9	103.18	4.0625	0.265	
24.25	516.0	468.8	103.17	4.0309	0.266	
24.50	517.0	469.7	103.18	4.0000	0.267	
24.75	517.8	470.5	103.19	3.9697	0.268	
25.00	518.6	471.3	103.18	3.9400	0.269	
25.25	519.4	472.1	103.19	3.9109	0.270	
25.50	520.2	472.9	103.19	3.8824	0.271	
25.75	521.0	473.7	103.18	3.8544	0.271	
26.00	521.8	474.5	103.19	3.8269	0.272	
26.25	522.5	475.2	103.19	3.8000	0.273	
26.50	523.3	476.0	103.19	3.7736	0.274	
26.75	524.1	476.8	103.19	3.7477	0.275	
27.00	524.8	477.5	103.20	3.7222	0.275	
27.25	525.5	478.2	103.20	3.6972	0.276	
27.50	526.2	478.9	103.20	3.6727	0.277	
27.75	526.9	479.6	103.20	3.6486	0.278	
28.00	527.6	480.3	103.20	3.6250	0.278	
28.25	528.3	481.1	103.21	3.6018	0.279	
28.50	529.0	481.7	103.20	3.5789	0.280	
28.75	529.7	482.4	103.21	3.5565	0.281	
29.00	530.4	483.1	103.21	3.5345	0.281	
29.25	531.1	483.8	103.20	3.5128	0.282	
29.50	531.7	484.4	103.21	3.4915	0.283	
29.75	532.3	485.1	103.21	3.4706	0.283	

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10181 American Energies Dauwe B #3 DST #1

DATE: 06/08/97 TIME: 06:18:11

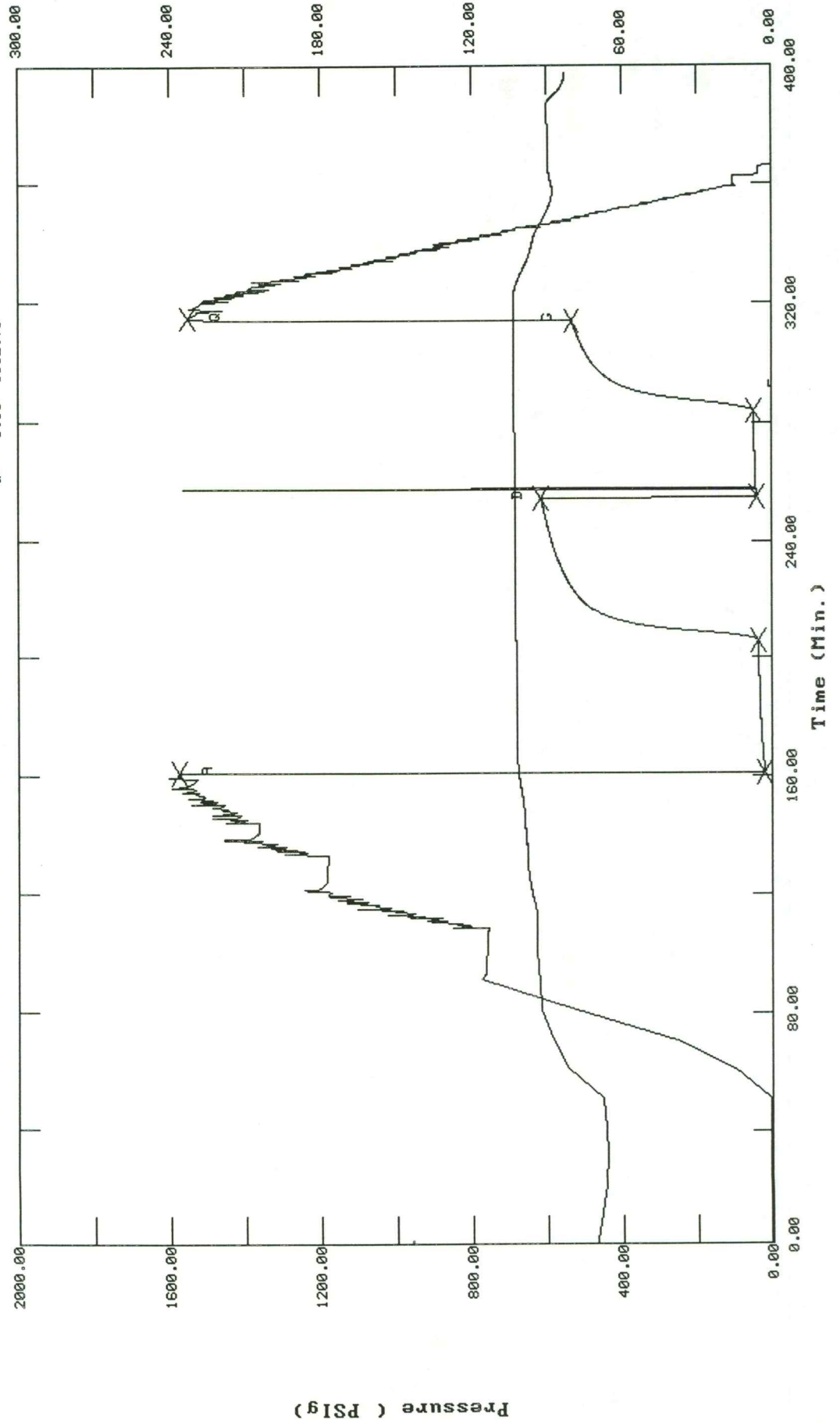
	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** End Shut-in 2	30.00	533.1	485.8	103.21	3.4500	0.284
***** Final Hydro.	314.75	1552.8	0.0	103.24		

TEST HISTORY

10181 American Energies Dauwe B #3 DST #1

Flag Points

t (Min.)	P (PSig)
A: 0.00	1575.35
B: 0.00	17.13
C: 44.75	36.27
D: 48.50	613.32
E: 0.00	37.58
F: 28.75	47.29
G: 30.00	533.09
Q: 0.00	1552.76



 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10182 American Energies Dauwe B-3 DST #2

DATE: 06/09/97

TIME: 02:13:46

	Time	Pressure PSI _g	delta P PSI _g	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	86.25	1682.6	0.0	100.22		
***** Start Flow 1	0.00	65.2	0.0	100.30		
	0.25	70.9	5.7	100.33		
	0.50	76.5	11.3	100.36		
	0.75	82.5	17.3	100.40		
	1.00	87.5	22.3	100.43		
	1.25	93.0	27.8	100.46		
	1.50	98.3	33.1	100.49		
	1.75	103.1	37.9	100.52		
	2.00	107.8	42.6	100.55		
	2.25	112.5	47.2	100.59		
	2.50	116.7	51.5	100.64		
	2.75	121.0	55.8	100.69		
	3.00	125.4	60.2	100.75		
	3.25	129.6	64.4	100.81		
	3.50	133.3	68.1	100.88		
	3.75	137.2	72.0	100.95		
	4.00	140.9	75.7	101.01		
	4.25	145.0	79.8	101.10		
	4.50	147.8	82.6	101.19		
	4.75	149.5	84.3	101.27		
	5.00	151.5	86.3	101.35		
	5.25	161.4	96.2	101.44		
	5.50	159.4	94.2	101.52		
	5.75	154.2	89.0	101.60		
	6.00	154.0	88.8	101.70		
	6.25	154.6	89.4	101.78		
	6.50	155.5	90.3	101.86		
	6.75	156.4	91.2	101.94		
	7.00	157.3	92.1	102.03		
	7.25	158.3	93.0	102.11		
	7.50	159.2	93.9	102.19		
	7.75	160.4	95.1	102.27		
	8.00	161.3	96.1	102.35		
	8.25	162.2	97.0	102.43		
	8.50	163.0	97.8	102.51		
	8.75	163.9	98.7	102.59		
	9.00	164.8	99.6	102.67		
	9.25	165.7	100.5	102.74		
	9.50	166.5	101.3	102.83		
	9.75	167.4	102.1	102.90		
	10.00	168.2	103.0	102.98		
	10.25	169.0	103.8	103.06		
	10.50	169.8	104.6	103.13		
	10.75	170.6	105.4	103.21		
	11.00	171.4	106.2	103.27		
	11.25	172.4	107.2	103.34		
	11.50	173.5	108.3	103.42		
	11.75	174.3	109.1	103.49		
	12.00	175.0	109.8	103.56		
	12.25	175.8	110.6	103.62		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10182 American Energies Dauwe B-3 DST #2

DATE: 06/09/97

TIME: 02:13:46

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
12.50	176.7	111.5	103.69		
12.75	177.5	112.3	103.76		
13.00	178.4	113.2	103.82		
13.25	179.3	114.1	103.89		
13.50	180.2	115.0	103.94		
13.75	181.1	115.8	104.01		
14.00	182.0	116.8	104.06		
14.25	182.9	117.7	104.13		
14.50	183.7	118.5	104.18		
14.75	184.7	119.4	104.24		
15.00	185.5	120.3	104.29		
15.25	186.4	121.2	104.35		
15.50	187.4	122.2	104.41		
15.75	188.4	123.2	104.46		
16.00	189.2	124.0	104.51		
16.25	190.1	124.9	104.56		
16.50	191.1	125.9	104.61		
16.75	191.7	126.5	104.66		
17.00	192.5	127.3	104.70		
17.25	193.2	128.0	104.76		
17.50	193.9	128.7	104.79		
17.75	194.7	129.5	104.84		
18.00	195.5	130.3	104.88		
18.25	196.3	131.0	104.93		
18.50	197.2	132.0	104.97		
18.75	197.9	132.7	105.01		
19.00	198.5	133.3	105.05		
19.25	199.3	134.1	105.09		
19.50	200.0	134.8	105.12		
19.75	200.8	135.6	105.17		
20.00	201.6	136.3	105.20		
20.25	202.4	137.2	105.24		
20.50	203.2	138.0	105.27		
20.75	203.9	138.7	105.31		
21.00	204.6	139.3	105.34		
21.25	205.4	140.2	105.37		
21.50	206.1	140.9	105.40		
21.75	206.7	141.5	105.43		
22.00	207.5	142.3	105.46		
22.25	208.3	143.1	105.50		
22.50	209.0	143.8	105.53		
22.75	209.7	144.5	105.56		
23.00	210.5	145.3	105.58		
23.25	211.3	146.1	105.61		
23.50	211.9	146.7	105.64		
23.75	212.6	147.3	105.67		
24.00	213.3	148.1	105.70		
24.25	213.9	148.7	105.72		
24.50	214.7	149.5	105.73		
24.75	215.4	150.2	105.76		
25.00	216.1	150.9	105.79		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10182 American Energies Dauwe B-3 DST #2

DATE: 06/09/97

TIME: 02:13:46

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	25.25	216.8	151.6	105.80		
	25.50	217.8	152.6	105.83		
	25.75	218.5	153.2	105.85		
	26.00	219.1	153.9	105.88		
	26.25	219.8	154.6	105.89		
	26.50	220.5	155.3	105.92		
	26.75	221.2	156.0	105.94		
	27.00	221.8	156.6	105.95		
	27.25	222.4	157.2	105.98		
	27.50	223.1	157.9	106.00		
	27.75	223.7	158.5	106.01		
	28.00	224.3	159.1	106.03		
	28.25	225.0	159.8	106.04		
	28.50	225.6	160.4	106.07		
	28.75	226.3	161.0	106.08		
	29.00	226.9	161.7	106.10		
	29.25	227.5	162.3	106.12		
	29.50	228.2	163.0	106.14		
	29.75	228.8	163.6	106.15		
	30.00	229.5	164.2	106.16		
	30.25	229.9	164.7	106.18		
	30.50	230.1	164.8	106.20		
***** End Flow 1	30.75	234.8	169.6	106.21		
***** Start Shutin 1	0.00	234.8	0.0	106.21	0.0000	0.055
	0.25	323.8	89.0	106.23	124.0000	0.105
	0.50	338.5	103.8	106.24	62.5000	0.115
	0.75	347.2	112.4	106.26	42.0000	0.121
	1.00	354.2	119.4	106.27	31.7500	0.125
	1.25	360.1	125.3	106.28	25.6000	0.130
	1.50	365.1	130.3	106.30	21.5000	0.133
	1.75	369.6	134.9	106.31	18.5714	0.137
	2.00	373.8	139.0	106.32	16.3750	0.140
	2.25	377.6	142.8	106.33	14.6667	0.143
	2.50	381.1	146.3	106.33	13.3000	0.145
	2.75	384.4	149.7	106.35	12.1818	0.148
	3.00	387.4	152.6	106.35	11.2500	0.150
	3.25	390.4	155.6	106.36	10.4615	0.152
	3.50	393.2	158.4	106.37	9.7857	0.155
	3.75	395.8	161.0	106.36	9.2000	0.157
	4.00	398.3	163.6	106.37	8.6875	0.159
	4.25	400.7	166.0	106.37	8.2353	0.161
	4.50	403.0	168.3	106.38	7.8333	0.162
	4.75	405.3	170.5	106.37	7.4737	0.164
	5.00	407.5	172.7	106.38	7.1500	0.166
	5.25	409.6	174.8	106.37	6.8571	0.168
	5.50	411.5	176.7	106.38	6.5909	0.169
	5.75	413.4	178.7	106.38	6.3478	0.171
	6.00	415.4	180.6	106.37	6.1250	0.173
	6.25	417.2	182.4	106.37	5.9200	0.174
	6.50	418.9	184.2	106.37	5.7308	0.176
	6.75	420.6	185.8	106.37	5.5556	0.177

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10182 American Energies Dauwe B-3 DST #2

DATE: 06/09/97

TIME: 02:13:46

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
7.00	422.3	187.5	106.36	5.3929	0.178
7.25	423.9	189.1	106.36	5.2414	0.180
7.50	425.4	190.7	106.37	5.1000	0.181
7.75	427.0	192.2	106.37	4.9677	0.182
8.00	428.5	193.8	106.36	4.8438	0.184
8.25	429.9	195.2	106.36	4.7273	0.185
8.50	431.3	196.6	106.35	4.6176	0.186
8.75	432.7	197.9	106.35	4.5143	0.187
9.00	434.1	199.3	106.34	4.4167	0.188
9.25	435.3	200.6	106.35	4.3243	0.190
9.50	436.6	201.9	106.33	4.2368	0.191
9.75	437.8	203.1	106.33	4.1538	0.192
10.00	439.0	204.3	106.32	4.0750	0.193
10.25	440.3	205.5	106.32	4.0000	0.194
10.50	441.4	206.7	106.32	3.9286	0.195
10.75	442.6	207.9	106.31	3.8605	0.196
11.00	443.8	209.0	106.31	3.7955	0.197
11.25	444.8	210.0	106.31	3.7333	0.198
11.50	445.9	211.1	106.30	3.6739	0.199
11.75	446.9	212.2	106.30	3.6170	0.200
12.00	448.0	213.2	106.29	3.5625	0.201
12.25	449.0	214.2	106.28	3.5102	0.202
12.50	449.9	215.2	106.28	3.4600	0.202
12.75	450.9	216.2	106.27	3.4118	0.203
13.00	451.9	217.2	106.27	3.3654	0.204
13.25	452.8	218.1	106.26	3.3208	0.205
13.50	453.7	219.0	106.27	3.2778	0.206
13.75	454.6	219.9	106.25	3.2364	0.207
14.00	455.5	220.8	106.25	3.1964	0.208
14.25	456.4	221.7	106.24	3.1579	0.208
14.50	457.3	222.5	106.25	3.1207	0.209
14.75	458.1	223.4	106.24	3.0847	0.210
15.00	458.9	224.1	106.23	3.0500	0.211
15.25	459.7	224.9	106.22	3.0164	0.211
15.50	460.5	225.7	106.22	2.9839	0.212
15.75	461.3	226.5	106.22	2.9524	0.213
16.00	462.0	227.2	106.21	2.9219	0.213
16.25	462.9	228.1	106.21	2.8923	0.214
16.50	463.5	228.8	106.19	2.8636	0.215
16.75	464.3	229.5	106.19	2.8358	0.216
17.00	465.0	230.2	106.19	2.8088	0.216
17.25	465.7	231.0	106.18	2.7826	0.217
17.50	466.5	231.7	106.17	2.7571	0.218
17.75	467.2	232.4	106.17	2.7324	0.218
18.00	467.8	233.0	106.17	2.7083	0.219
18.25	468.4	233.6	106.16	2.6849	0.219
18.50	469.1	234.3	106.16	2.6622	0.220
18.75	469.7	234.9	106.15	2.6400	0.221
19.00	470.4	235.6	106.14	2.6184	0.221
19.25	471.0	236.2	106.14	2.5974	0.222
19.50	471.5	236.8	106.14	2.5769	0.222

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10182 American Energies Dauwe B-3 DST #2

DATE: 06/09/97

TIME: 02:13:46

Time	Pressure PSI _g	delta P PSI _g	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
19.75	472.1	237.4	106.13	2.5570	0.223
20.00	472.7	238.0	106.12	2.5375	0.223
20.25	473.3	238.6	106.12	2.5185	0.224
20.50	473.9	239.2	106.11	2.5000	0.225
20.75	474.5	239.8	106.11	2.4819	0.225
21.00	475.1	240.3	106.10	2.4643	0.226
21.25	475.6	240.9	106.09	2.4471	0.226
21.50	476.2	241.4	106.09	2.4302	0.227
21.75	476.8	242.0	106.09	2.4138	0.227
22.00	477.2	242.4	106.07	2.3977	0.228
22.25	477.8	243.0	106.08	2.3820	0.228
22.50	478.4	243.7	106.07	2.3667	0.229
22.75	478.8	244.0	106.07	2.3516	0.229
23.00	479.3	244.6	106.06	2.3370	0.230
23.25	479.8	245.1	106.06	2.3226	0.230
23.50	480.3	245.6	106.05	2.3085	0.231
23.75	480.8	246.0	106.05	2.2947	0.231
24.00	481.3	246.5	106.05	2.2812	0.232
24.25	481.8	247.0	106.04	2.2680	0.232
24.50	482.2	247.4	106.03	2.2551	0.232
24.75	482.7	247.9	106.02	2.2424	0.233
25.00	483.1	248.4	106.02	2.2300	0.233
25.25	483.5	248.7	106.03	2.2178	0.234
25.50	484.0	249.2	106.01	2.2059	0.234
25.75	484.4	249.6	106.01	2.1942	0.235
26.00	484.9	250.1	106.01	2.1827	0.235
26.25	485.3	250.5	106.00	2.1714	0.236
26.50	485.7	250.9	106.00	2.1604	0.236
26.75	486.1	251.3	105.99	2.1495	0.236
27.00	486.5	251.7	106.00	2.1389	0.237
27.25	486.9	252.2	105.98	2.1284	0.237
27.50	487.4	252.7	105.98	2.1182	0.238
27.75	487.8	253.0	105.98	2.1081	0.238
28.00	488.1	253.4	105.98	2.0982	0.238
28.25	488.6	253.8	105.97	2.0885	0.239
28.50	488.9	254.2	105.96	2.0789	0.239
28.75	489.3	254.6	105.97	2.0696	0.239
29.00	489.7	254.9	105.96	2.0603	0.240
29.25	490.0	255.3	105.96	2.0513	0.240
29.50	490.4	255.6	105.96	2.0424	0.241
29.75	490.8	256.0	105.95	2.0336	0.241
30.00	491.2	256.4	105.94	2.0250	0.241
30.25	491.5	256.7	105.94	2.0165	0.242
30.50	491.9	257.1	105.94	2.0082	0.242
30.75	492.3	257.6	105.94	2.0000	0.242
31.00	492.6	257.9	105.93	1.9919	0.243
31.25	492.9	258.1	105.92	1.9840	0.243
31.50	493.3	258.5	105.93	1.9762	0.243
31.75	493.6	258.8	105.92	1.9685	0.244
32.00	493.9	259.2	105.92	1.9609	0.244
32.25	494.2	259.5	105.92	1.9535	0.244

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10182 American Energies Dauwe B-3 DST #2

DATE: 06/09/97

TIME: 02:13:46

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶	
32.50	494.5	259.8	105.90	1.9462	0.245	
32.75	494.9	260.1	105.90	1.9389	0.245	
33.00	495.3	260.5	105.90	1.9318	0.245	
33.25	495.6	260.8	105.89	1.9248	0.246	
33.50	495.8	261.1	105.90	1.9179	0.246	
33.75	496.1	261.4	105.89	1.9111	0.246	
34.00	496.4	261.7	105.89	1.9044	0.246	
34.25	496.8	262.0	105.89	1.8978	0.247	
34.50	497.0	262.3	105.89	1.8913	0.247	
34.75	497.3	262.6	105.88	1.8849	0.247	
35.00	497.6	262.8	105.88	1.8786	0.248	
35.25	497.9	263.1	105.87	1.8723	0.248	
35.50	498.2	263.4	105.87	1.8662	0.248	
35.75	498.4	263.6	105.86	1.8601	0.248	
36.00	498.7	264.0	105.87	1.8542	0.249	
36.25	499.0	264.3	105.86	1.8483	0.249	
36.50	499.3	264.5	105.86	1.8425	0.249	
36.75	499.6	264.8	105.86	1.8367	0.250	
37.00	499.9	265.1	105.87	1.8311	0.250	
37.25	500.1	265.4	105.84	1.8255	0.250	
37.50	500.4	265.6	105.84	1.8200	0.250	
37.75	500.6	265.9	105.84	1.8146	0.251	
38.00	500.9	266.2	105.84	1.8092	0.251	
38.25	501.1	266.4	105.84	1.8039	0.251	
38.50	501.4	266.6	105.83	1.7987	0.251	
38.75	501.6	266.8	105.83	1.7935	0.252	
39.00	501.8	267.1	105.83	1.7885	0.252	
39.25	502.1	267.4	105.82	1.7834	0.252	
39.50	502.4	267.6	105.82	1.7785	0.252	
39.75	502.6	267.9	105.81	1.7736	0.253	
40.00	502.9	268.1	105.81	1.7688	0.253	
40.25	503.1	268.3	105.81	1.7640	0.253	
40.50	503.3	268.6	105.81	1.7593	0.253	
40.75	503.6	268.8	105.80	1.7546	0.254	
41.00	503.8	269.1	105.80	1.7500	0.254	
41.25	504.1	269.3	105.80	1.7455	0.254	
41.50	504.3	269.5	105.80	1.7410	0.254	
41.75	504.5	269.7	105.79	1.7365	0.255	
42.00	504.8	270.0	105.79	1.7321	0.255	
42.25	505.0	270.2	105.79	1.7278	0.255	
42.50	505.2	270.4	105.79	1.7235	0.255	
42.75	505.4	270.6	105.78	1.7193	0.255	
43.00	505.6	270.8	105.78	1.7151	0.256	
43.25	505.8	271.0	105.78	1.7110	0.256	
43.50	506.1	271.3	105.78	1.7069	0.256	
43.75	506.2	271.4	105.77	1.7029	0.256	
44.00	506.5	271.7	105.77	1.6989	0.256	
44.25	506.7	271.9	105.78	1.6949	0.257	
44.50	506.8	272.1	105.76	1.6910	0.257	
44.75	507.1	272.3	105.76	1.6872	0.257	
***** End Shut-in 1	45.00	506.6	271.8	105.76	1.6833	0.257

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10182 American Energies Dauwe B-3 DST #2

DATE: 06/09/97

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	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Start Flow 2	0.00	237.7	0.0	105.76		
	0.25	239.9	2.1	105.75		
	0.50	240.9	3.1	105.75		
	0.75	242.2	4.5	105.75		
	1.00	242.5	4.8	105.76		
	1.25	243.1	5.3	105.76		
	1.50	243.9	6.1	105.77		
	1.75	245.1	7.3	105.78		
	2.00	245.7	8.0	105.79		
	2.25	246.6	8.8	105.80		
	2.50	247.8	10.0	105.82		
	2.75	249.2	11.5	105.83		
	3.00	250.1	12.3	105.84		
	3.25	250.8	13.0	105.87		
	3.50	251.2	13.5	105.89		
	3.75	252.1	14.4	105.90		
	4.00	252.7	15.0	105.93		
	4.25	253.2	15.4	105.95		
	4.50	253.9	16.1	105.97		
	4.75	254.7	16.9	105.99		
	5.00	255.5	17.7	106.02		
	5.25	256.5	18.7	106.05		
	5.50	257.2	19.5	106.07		
	5.75	258.1	20.4	106.08		
	6.00	259.0	21.3	106.12		
	6.25	259.9	22.1	106.14		
	6.50	260.8	23.0	106.16		
	6.75	261.5	23.8	106.20		
	7.00	262.3	24.6	106.21		
	7.25	262.8	25.0	106.24		
	7.50	263.3	25.6	106.26		
	7.75	264.3	26.6	106.29		
	8.00	265.1	27.3	106.30		
	8.25	265.6	27.8	106.33		
	8.50	266.2	28.4	106.35		
	8.75	267.0	29.2	106.37		
	9.00	267.6	29.9	106.40		
	9.25	268.3	30.6	106.41		
	9.50	269.0	31.3	106.44		
	9.75	269.8	32.0	106.45		
	10.00	270.3	32.6	106.48		
	10.25	271.0	33.2	106.49		
	10.50	271.6	33.8	106.51		
	10.75	272.3	34.5	106.53		
	11.00	273.0	35.2	106.55		
	11.25	273.6	35.8	106.57		
	11.50	274.5	36.8	106.58		
	11.75	275.2	37.5	106.58		
	12.00	275.6	37.8	106.60		
	12.25	276.2	38.4	106.62		
	12.50	276.7	38.9	106.65		
	12.75	277.2	39.4	106.66		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10182 American Energies Dauwe B-3 DST #2

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Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
13.00	277.8	40.1	106.67		
13.25	278.5	40.7	106.69		
13.50	279.3	41.6	106.70		
13.75	279.9	42.2	106.71		
14.00	280.5	42.7	106.72		
14.25	281.0	43.3	106.73		
14.50	281.7	43.9	106.75		
14.75	282.2	44.5	106.76		
15.00	282.8	45.0	106.77		
15.25	283.4	45.6	106.79		
15.50	284.0	46.2	106.79		
15.75	284.5	46.8	106.80		
16.00	285.1	47.3	106.81		
16.25	285.8	48.0	106.83		
16.50	286.3	48.5	106.83		
16.75	286.8	49.1	106.84		
17.00	287.3	49.5	106.85		
17.25	287.8	50.1	106.86		
17.50	288.4	50.6	106.87		
17.75	289.0	51.2	106.87		
18.00	289.6	51.9	106.88		
18.25	290.0	52.3	106.89		
18.50	290.5	52.7	106.90		
18.75	290.9	53.1	106.91		
19.00	291.4	53.6	106.91		
19.25	291.9	54.1	106.92		
19.50	292.4	54.7	106.93		
19.75	292.9	55.2	106.93		
20.00	293.6	55.8	106.95		
20.25	294.2	56.4	106.94		
20.50	294.8	57.1	106.95		
20.75	295.3	57.6	106.96		
21.00	295.9	58.1	106.96		
21.25	296.4	58.6	106.97		
21.50	296.9	59.1	106.97		
21.75	297.4	59.6	106.98		
22.00	298.0	60.2	106.99		
22.25	298.4	60.7	106.99		
22.50	298.8	61.0	106.99		
22.75	299.2	61.4	106.99		
23.00	299.7	62.0	107.00		
23.25	300.3	62.5	107.01		
23.50	300.7	62.9	107.01		
23.75	301.2	63.5	107.01		
24.00	301.7	63.9	107.01		
24.25	302.1	64.3	107.02		
24.50	302.6	64.8	107.02		
24.75	303.0	65.3	107.03		
25.00	303.4	65.7	107.03		
25.25	303.9	66.1	107.03		
25.50	304.3	66.6	107.04		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10182 American Energies Dauwe B-3 DST #2

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	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	25.75	304.9	67.1	107.04		
	26.00	305.3	67.6	107.06		
	26.25	305.8	68.0	107.05		
	26.50	306.2	68.4	107.06		
	26.75	306.7	68.9	107.06		
	27.00	307.1	69.4	107.06		
	27.25	307.6	69.8	107.06		
	27.50	308.0	70.3	107.07		
	27.75	308.5	70.7	107.07		
	28.00	309.0	71.3	107.07		
	28.25	309.7	71.9	107.07		
	28.50	310.2	72.5	107.08		
	28.75	310.7	72.9	107.09		
	29.00	311.0	73.3	107.08		
	29.25	311.4	73.7	107.08		
	29.50	311.8	74.1	107.09		
	29.75	312.3	74.5	107.09		
	30.00	312.6	74.9	107.09		
	30.25	313.2	75.4	107.10		
	30.50	313.6	75.8	107.10		
	30.75	314.0	76.2	107.10		
	31.00	314.4	76.7	107.10		
	31.25	314.7	77.0	107.10		
	31.50	315.2	77.5	107.11		
	31.75	315.5	77.7	107.12		
***** End Flow 2	32.00	315.7	77.9	107.13		
***** Start Shutin 2	0.00	315.7	0.0	107.13	0.0000	0.10
	0.25	359.6	43.9	107.11	252.0000	0.129
	0.50	375.5	59.8	107.12	126.5000	0.141
	0.75	381.9	66.2	107.12	84.6667	0.146
	1.00	387.2	71.5	107.12	63.7500	0.150
	1.25	391.2	75.5	107.12	51.2000	0.153
	1.50	394.9	79.2	107.13	42.8333	0.156
	1.75	398.1	82.4	107.13	36.8571	0.158
	2.00	401.0	85.3	107.13	32.3750	0.161
	2.25	403.6	87.9	107.13	28.8889	0.163
	2.50	406.1	90.4	107.14	26.1000	0.165
	2.75	408.4	92.7	107.13	23.8182	0.167
	3.00	410.5	94.8	107.14	21.9167	0.169
	3.25	412.7	97.0	107.14	20.3077	0.170
	3.50	414.6	98.9	107.14	18.9286	0.172
	3.75	416.4	100.7	107.15	17.7333	0.173
	4.00	418.3	102.6	107.14	16.6875	0.175
	4.25	419.9	104.2	107.14	15.7647	0.176
	4.50	421.6	105.9	107.14	14.9444	0.178
	4.75	423.2	107.5	107.13	14.2105	0.179
	5.00	424.6	108.9	107.13	13.5500	0.180
	5.25	426.1	110.4	107.13	12.9524	0.182
	5.50	427.5	111.8	107.13	12.4091	0.183
	5.75	428.8	113.1	107.13	11.9130	0.184
	6.00	430.1	114.4	107.12	11.4583	0.185

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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Time	Pressure PSig	delta P PSig	P	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
6.25	431.4	115.7	107.13	107.13	11.0400	0.186
6.50	432.6	116.9	107.13	107.13	10.6538	0.187
6.75	433.9	118.2	107.12	107.12	10.2963	0.188
7.00	435.1	119.4	107.12	107.12	9.9643	0.189
7.25	436.3	120.6	107.11	107.11	9.6552	0.190
7.50	437.4	121.7	107.11	107.11	9.3667	0.191
7.75	438.4	122.7	107.11	107.11	9.0968	0.192
8.00	439.5	123.8	107.10	107.10	8.8438	0.193
8.25	440.6	124.9	107.11	107.11	8.6061	0.194
8.50	441.5	125.9	107.10	107.10	8.3824	0.195
8.75	442.6	126.9	107.10	107.10	8.1714	0.196
9.00	443.5	127.8	107.10	107.10	7.9722	0.197
9.25	444.4	128.8	107.10	107.10	7.7838	0.198
9.50	445.4	129.7	107.09	107.09	7.6053	0.198
9.75	446.3	130.6	107.09	107.09	7.4359	0.199
10.00	447.2	131.5	107.09	107.09	7.2750	0.200
10.25	448.1	132.4	107.08	107.08	7.1220	0.201
10.50	448.9	133.2	107.08	107.08	6.9762	0.202
10.75	449.7	134.0	107.08	107.08	6.8372	0.202
11.00	450.5	134.8	107.07	107.07	6.7045	0.203
11.25	451.4	135.7	107.06	107.06	6.5778	0.204
11.50	452.1	136.4	107.06	107.06	6.4565	0.204
11.75	452.9	137.2	107.06	107.06	6.3404	0.205
12.00	453.7	138.0	107.06	107.06	6.2292	0.206
12.25	454.4	138.7	107.05	107.05	6.1224	0.206
12.50	455.1	139.4	107.05	107.05	6.0200	0.207
12.75	455.8	140.2	107.05	107.05	5.9216	0.208
13.00	456.5	140.8	107.06	107.06	5.8269	0.208
13.25	457.1	141.5	107.01	107.01	5.7358	0.209
13.50	457.8	142.2	107.04	107.04	5.6481	0.210
13.75	458.5	142.9	107.04	107.04	5.5636	0.210
14.00	459.2	143.5	107.03	107.03	5.4821	0.211
14.25	459.8	144.1	107.03	107.03	5.4035	0.211
14.50	460.5	144.8	107.02	107.02	5.3276	0.212
14.75	461.1	145.4	107.02	107.02	5.2542	0.213
15.00	461.7	146.0	107.01	107.01	5.1833	0.213
15.25	462.2	146.5	107.01	107.01	5.1148	0.214
15.50	462.8	147.1	107.01	107.01	5.0484	0.214
15.75	463.4	147.7	107.01	107.01	4.9841	0.215
16.00	464.0	148.3	107.01	107.01	4.9219	0.215
16.25	464.5	148.8	107.01	107.01	4.8615	0.216
16.50	465.1	149.4	107.00	107.00	4.8030	0.216
16.75	465.6	149.9	107.01	107.01	4.7463	0.217
17.00	466.2	150.5	107.00	107.00	4.6912	0.217
17.25	466.7	151.0	107.00	107.00	4.6377	0.218
17.50	467.3	151.6	107.00	107.00	4.5857	0.218
17.75	467.8	152.1	106.99	106.99	4.5352	0.219
18.00	468.3	152.6	106.99	106.99	4.4861	0.219
18.25	468.8	153.1	106.99	106.99	4.4384	0.220
18.50	469.2	153.5	106.99	106.99	4.3919	0.220
18.75	469.7	154.0	106.98	106.98	4.3467	0.221

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TEST: 10182 American Energies Dauwe B-3 DST #2

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Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
19.00	470.2	154.6	106.99	4.3026	0.221
19.25	470.7	155.0	106.98	4.2597	0.222
19.50	471.2	155.5	106.98	4.2179	0.222
19.75	471.8	156.1	106.98	4.1772	0.223
20.00	472.2	156.5	106.97	4.1375	0.223
20.25	472.6	156.9	106.97	4.0988	0.223
20.50	473.0	157.3	106.96	4.0610	0.224
20.75	473.5	157.8	106.97	4.0241	0.224
21.00	473.8	158.1	106.96	3.9881	0.225
21.25	474.3	158.6	106.96	3.9529	0.225
21.50	474.6	159.0	106.96	3.9186	0.225
21.75	475.2	159.5	106.96	3.8851	0.226
22.00	475.6	159.9	106.96	3.8523	0.226
22.25	475.9	160.2	106.95	3.8202	0.227
22.50	476.3	160.6	106.95	3.7889	0.227
22.75	476.7	161.0	106.96	3.7582	0.227
23.00	477.1	161.4	106.95	3.7283	0.228
23.25	477.5	161.8	106.94	3.6989	0.228
23.50	477.9	162.2	106.95	3.6702	0.228
23.75	478.3	162.6	106.94	3.6421	0.229
24.00	478.6	162.9	106.94	3.6146	0.229
24.25	479.0	163.3	106.94	3.5876	0.229
24.50	479.4	163.7	106.94	3.5612	0.230
24.75	479.8	164.1	106.94	3.5354	0.230
25.00	480.1	164.4	106.94	3.5100	0.231
25.25	480.5	164.8	106.94	3.4851	0.231
25.50	480.8	165.1	106.93	3.4608	0.231
25.75	481.2	165.5	106.92	3.4369	0.232
26.00	481.6	165.9	106.93	3.4135	0.232
26.25	481.8	166.1	106.92	3.3905	0.232
26.50	482.2	166.5	106.92	3.3679	0.232
26.75	482.5	166.8	106.92	3.3458	0.233
27.00	482.8	167.1	106.92	3.3241	0.233
27.25	483.1	167.4	106.92	3.3028	0.233
27.50	483.4	167.7	106.92	3.2818	0.234
27.75	483.8	168.1	106.91	3.2613	0.234
28.00	484.0	168.3	106.91	3.2411	0.234
28.25	484.4	168.7	106.91	3.2212	0.235
28.50	484.7	169.0	106.91	3.2018	0.235
28.75	485.0	169.3	106.91	3.1826	0.235
29.00	485.3	169.6	106.90	3.1638	0.236
29.25	485.6	169.9	106.90	3.1453	0.236
29.50	485.9	170.2	106.90	3.1271	0.236
29.75	486.2	170.5	106.90	3.1092	0.236
30.00	486.5	170.8	106.89	3.0917	0.237
30.25	486.8	171.1	106.89	3.0744	0.237
30.50	487.1	171.4	106.89	3.0574	0.237
30.75	487.4	171.7	106.89	3.0407	0.238
31.00	487.6	171.9	106.88	3.0242	0.238
31.25	487.8	172.1	106.89	3.0080	0.238
31.50	488.1	172.4	106.88	2.9921	0.238

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
31.75	488.4	172.7	106.88	2.9764	0.239
32.00	488.7	173.0	106.88	2.9609	0.239
32.25	489.0	173.3	106.88	2.9457	0.239
32.50	489.2	173.5	106.87	2.9308	0.239
32.75	489.4	173.8	106.87	2.9160	0.240
33.00	489.8	174.1	106.87	2.9015	0.240
33.25	490.1	174.4	106.87	2.8872	0.240
33.50	490.3	174.6	106.86	2.8731	0.240
33.75	490.5	174.8	106.87	2.8593	0.241
34.00	490.8	175.1	106.87	2.8456	0.241
34.25	491.1	175.4	106.87	2.8321	0.241
34.50	491.2	175.5	106.86	2.8188	0.241
34.75	491.4	175.7	106.86	2.8058	0.242
35.00	491.7	176.0	106.86	2.7929	0.242
35.25	491.9	176.2	106.85	2.7801	0.242
35.50	492.2	176.5	106.86	2.7676	0.242
35.75	492.5	176.8	106.85	2.7552	0.243
36.00	492.6	176.9	106.85	2.7431	0.243
36.25	492.9	177.2	106.84	2.7310	0.243
36.50	493.1	177.4	106.85	2.7192	0.243
36.75	493.3	177.6	106.85	2.7075	0.243
37.00	493.5	177.8	106.84	2.6959	0.244
37.25	493.8	178.1	106.84	2.6846	0.244
37.50	494.0	178.3	106.84	2.6733	0.244
37.75	494.2	178.5	106.84	2.6623	0.244
38.00	494.4	178.7	106.84	2.6513	0.244
38.25	494.7	179.0	106.83	2.6405	0.245
38.50	494.8	179.1	106.84	2.6299	0.245
38.75	495.1	179.4	106.83	2.6194	0.245
39.00	495.3	179.6	106.83	2.6090	0.245
39.25	495.5	179.8	106.82	2.5987	0.246
39.50	495.7	180.0	106.82	2.5886	0.246
39.75	495.9	180.2	106.82	2.5786	0.246
40.00	496.1	180.4	106.82	2.5688	0.246
40.25	496.3	180.6	106.82	2.5590	0.246
40.50	496.5	180.8	106.82	2.5494	0.247
40.75	496.7	181.0	106.81	2.5399	0.247
41.00	496.8	181.1	106.81	2.5305	0.247
41.25	497.0	181.3	106.82	2.5212	0.247
41.50	497.2	181.5	106.82	2.5120	0.247
41.75	497.5	181.8	106.82	2.5030	0.247
42.00	497.6	181.9	106.81	2.4940	0.248
42.25	497.8	182.1	106.79	2.4852	0.248
42.50	497.9	182.2	106.80	2.4765	0.248
42.75	498.1	182.4	106.80	2.4678	0.248
43.00	498.3	182.6	106.80	2.4593	0.248
43.25	498.6	182.9	106.80	2.4509	0.249
43.50	498.7	183.0	106.80	2.4425	0.249
43.75	499.0	183.3	106.79	2.4343	0.249
44.00	499.2	183.5	106.79	2.4261	0.249
44.25	499.3	183.6	106.80	2.4181	0.249

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10182 American Energies Dauwe B-3 DST #2

DATE: 06/09/97

TIME: 02:13:46

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
44.50	499.4	183.7	106.80	2.4101	0.249
44.75	499.6	183.9	106.79	2.4022	0.250
45.00	499.8	184.1	106.79	2.3944	0.250
45.25	500.0	184.3	106.79	2.3867	0.250
45.50	500.1	184.4	106.79	2.3791	0.250
45.75	500.3	184.7	106.78	2.3716	0.250
46.00	500.5	184.8	106.78	2.3641	0.250
46.25	500.6	184.9	106.78	2.3568	0.251
46.50	500.8	185.1	106.78	2.3495	0.251
46.75	501.0	185.3	106.78	2.3422	0.251
47.00	501.1	185.4	106.78	2.3351	0.251
47.25	501.2	185.6	106.78	2.3280	0.251
47.50	501.4	185.7	106.77	2.3211	0.251
47.75	501.5	185.8	106.78	2.3141	0.252
48.00	501.8	186.1	106.77	2.3073	0.252
48.25	501.9	186.2	106.77	2.3005	0.252
48.50	502.2	186.5	106.76	2.2938	0.252
48.75	502.2	186.6	106.76	2.2872	0.252
49.00	502.3	186.6	106.76	2.2806	0.252
49.25	502.5	186.8	106.76	2.2741	0.253
49.50	502.6	187.0	106.77	2.2677	0.253
49.75	502.8	187.1	106.76	2.2613	0.253
50.00	503.0	187.3	106.76	2.2550	0.253
50.25	503.1	187.4	106.76	2.2488	0.253
50.50	503.3	187.6	106.76	2.2426	0.253
50.75	503.4	187.8	106.76	2.2365	0.253
51.00	503.5	187.8	106.76	2.2304	0.254
51.25	503.7	188.0	106.75	2.2244	0.254
51.50	503.8	188.1	106.75	2.2184	0.254
51.75	504.0	188.3	106.75	2.2126	0.254
52.00	504.1	188.5	106.75	2.2067	0.254
52.25	504.3	188.6	106.75	2.2010	0.254
52.50	504.5	188.8	106.74	2.1952	0.254
52.75	504.5	188.8	106.75	2.1896	0.255
53.00	504.7	189.0	106.75	2.1840	0.255
53.25	504.8	189.1	106.74	2.1784	0.255
53.50	505.0	189.3	106.74	2.1729	0.255
53.75	505.1	189.4	106.74	2.1674	0.255
54.00	505.3	189.6	106.74	2.1620	0.255
54.25	505.4	189.7	106.74	2.1567	0.255
54.50	505.5	189.8	106.74	2.1514	0.256
54.75	505.6	189.9	106.74	2.1461	0.256
55.00	505.8	190.1	106.74	2.1409	0.256
55.25	505.9	190.2	106.74	2.1357	0.256
55.50	506.0	190.3	106.74	2.1306	0.256
55.75	506.2	190.5	106.74	2.1256	0.256
56.00	506.3	190.6	106.73	2.1205	0.256
56.25	506.5	190.8	106.73	2.1156	0.256
56.50	506.6	190.9	106.73	2.1106	0.257
56.75	506.7	191.0	106.73	2.1057	0.257
57.00	506.8	191.1	106.73	2.1009	0.257

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10182 American Energies Dauwe B-3 DST #2

DATE: 06/09/97

TIME: 02:13:46

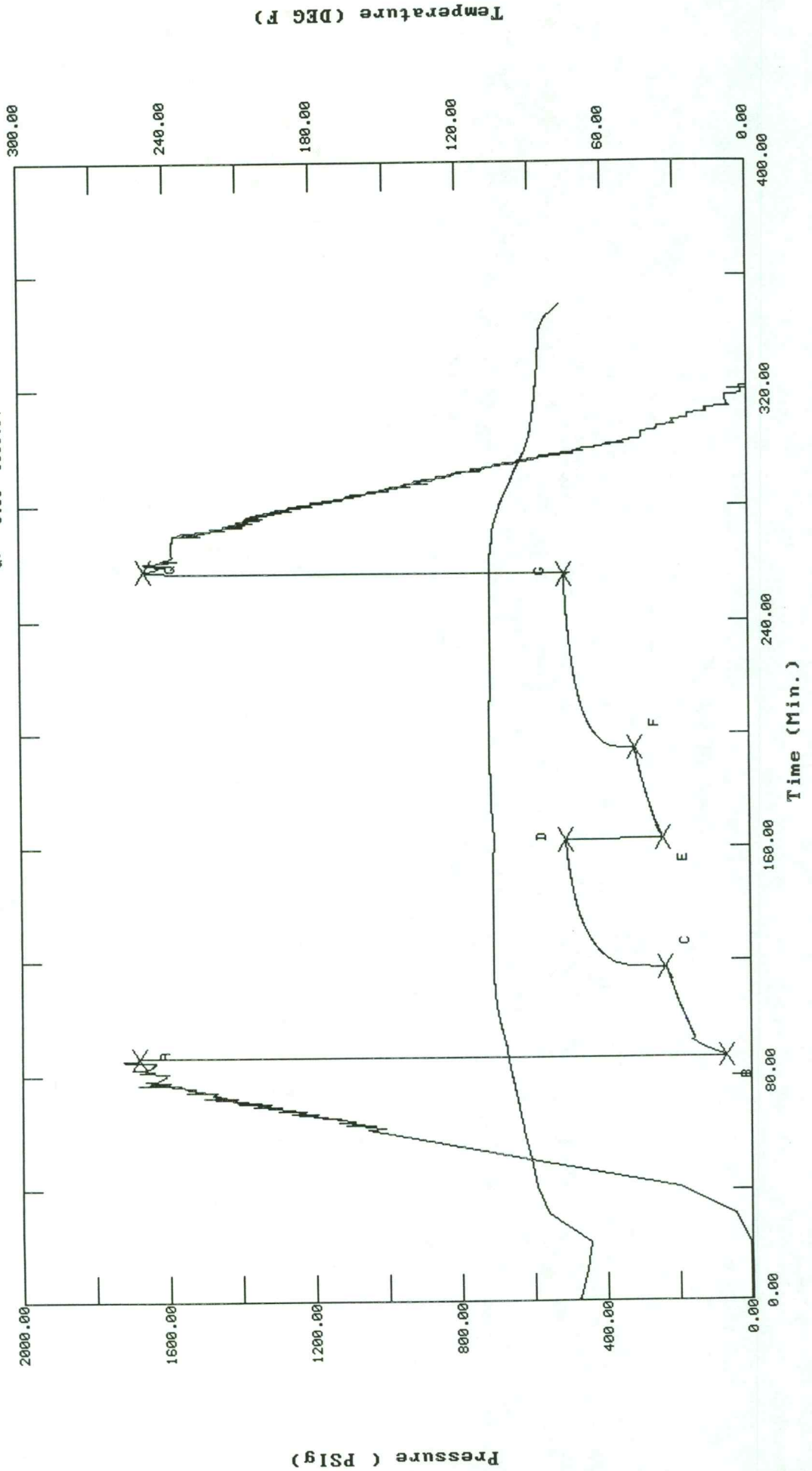
	Time	Pressure PSig	delta P PSig	P	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	57.25	507.0	191.3		106.73	2.0961	0.257
	57.50	507.1	191.4		106.73	2.0913	0.257
	57.75	507.2	191.5		106.73	2.0866	0.257
	58.00	507.3	191.6		106.72	2.0819	0.257
	58.25	507.4	191.7		106.72	2.0773	0.257
	58.50	507.6	191.9		106.72	2.0726	0.258
	58.75	507.7	192.0		106.72	2.0681	0.258
	59.00	507.8	192.1		106.71	2.0636	0.258
	59.25	507.9	192.2		106.72	2.0591	0.258
	59.50	508.0	192.3		106.71	2.0546	0.258
	59.75	508.2	192.5		106.72	2.0502	0.258
	60.00	508.3	192.6		106.72	2.0458	0.258
	60.25	508.4	192.7		106.71	2.0415	0.258
	60.50	508.5	192.8		106.71	2.0372	0.259
	60.75	508.6	192.9		106.72	2.0329	0.259
	61.00	508.7	193.0		106.71	2.0287	0.259
***** End Shut-in 2	61.25	508.8	193.1		106.71	2.0245	0.259
***** Final Hydro.	257.50	1658.6	0.0		106.73		

TEST HISTORY

10182 American Energies Dauwe B-3 DST #2

Flag Points

t (Min.)	P (PSig)
A: 0.00	1682.57
B: 0.00	65.21
C: 30.75	234.76
D: 45.00	506.59
E: 0.00	237.75
F: 32.00	315.69
G: 61.25	508.82
Q: 0.00	1658.64



TRILOBITE TESTING L.L.C.

OPERATOR : American Energies Corp.
 WELL NAME: Dauwe B-#3
 LOCATION : Sec 30 Twp.10s Rge.18w
 INTERVAL : 3460.00 To 3520.00 ft

DATE 06/09/97
 KB 2058.00 ft TICKET NO: 10183 DST #3
 GR 2053.00 ft FORMATION: Lansing J,K,L
 TD 3520.00 ft TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	11084	11084	2346			PF Fr. 2144 to 2214 hr
SI 30	Range(Psi)	4350.0	4350.0	4995.0	0.0	0.0	IS Fr. 2214 to 2244 hr
SF 30	Clock(hrs)	12hr.	12hr.	Elec			SF Fr. 2244 to 2314 hr
FS 30	Depth(ft)	3462.0	3462.5	3490.0	0.0	0.0	FS Fr. 2314 to 2344 hr

	Field	1	2	3	4	
A. Init Hydro	0.0	1778.0	1786.0	0.0	0.0	T STARTED 2050 hr
B. First Flow	0.0	39.0	29.0	0.0	0.0	T ON BOTM 2142 hr
B1. Final Flow	0.0	27.0	39.0	0.0	0.0	T OPEN 2144 hr
C. In Shut-in	0.0	324.0	357.0	0.0	0.0	T PULLED 2344 hr
D. Init Flow	0.0	50.0	41.0	0.0	0.0	T OUT 0045 hr
E. Final Flow	0.0	35.0	45.0	0.0	0.0	
F. Fl Shut-in	0.0	229.0	275.0	0.0	0.0	
G. Final Hydro	0.0	1769.0	1793.0	0.0	0.0	
Inside/Outside	O	O	I			

TOOL DATA-----
 Tool Wt. 2400.00 lbs
 Wt Set On Packer 20000.00 lbs
 Wt Pulled Loose 46000.00 lbs
 Initial Str Wt 45000.00 lbs
 Unseated Str Wt 45000.00 lbs
 Bot Choke 0.75 in
 Hole Size 7.88 in
 D Col. ID 2.25 in
 D. Pipe ID 3.80 in
 D.C. Length 185.00 ft
 D.P. Length 3264.00 ft

RECOVERY

Tot Fluid 5.00 ft of 5.00 ft in DC and 0.00 ft in DP
 5.00 ft of Mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 56000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----
 Mud Type Chemical
 Weight 9.50 lb/c
 Vis. 49.00 S/L
 W.L. 10.00 in3
 F.C. 0.00 in
 Mud Drop

BLOW DESCRIPTION

Initial Flow-
 weak 1/2" blow died in 15 minutes

Initial Shutin-
 no blow

Final Flow-
 no blow flush tool no blow after surge

Final Shutin-
 no blow

SAMPLES:
 SENT TO:

Amt. of fill 0.00 ft
 Btm. H. Temp. 103.00 F
 Hole Condition good
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out
 Tool Chased
 Tester Paul Simpson
 Co. Rep. Jamie Hess
 Contr. Mallard
 Rig # 1
 Unit #
 Pump T.

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Dauwe B-#3

LOCATION : Sec 30 Twp.10s Rge.18w

TICKET No. 10183 D.S.T. No. 3 DATE 06/09/97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 20

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 29 perf

TOTAL TOOL 49

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single 1 Total 31

TOTAL ASSEMBLY 80

D.C. ABOVE TOOLS.Stands3 Single Total 185

D.P. ABOVE TOOLS.Stands51 Single 1 Total 3264

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3529

TOTAL DEPTH 3520

TOTAL DRILL PIPE ABOVE K.B. 9

REMARKS:

P.O. SUB	
C.O. SUB Top of tool @	3440
S.I. TOOL H & T	3446
HMV Sterling	3451
JARS Sterling	n/a
SAFETY JOINT Bowen	n/a
PACKER Top	3455
PACKER Bottom	3460
DEPTH 3640	
STUBB 1'	3461
ANCHOR	
1' perf	3462
AK-1 rec @ 3462	
1 joint of pipe & subs to	3490
Alpine rec@ 3490	
5' perf	3495
T.C. DEPTH	
5' perf	3500
5' perf	3505
5' perf	3510
5' perf	3515
2' perf	3517
BULLNOSE 3' bullplug	
T.D. to	3520

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10183 American Energies Dauwe B-3 DST #3

DATE: 06/09/97

TIME: 20:31:05

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	77.50	1786.5	0.0	99.08		
***** Start Flow 1	0.00	29.4	0.0	99.12		
	0.25	36.6	7.2	99.17		
	0.50	37.0	7.7	99.22		
	0.75	37.1	7.8	99.27		
	1.00	37.1	7.8	99.31		
	1.25	37.3	7.9	99.35		
	1.50	37.4	8.0	99.38		
	1.75	37.4	8.0	99.41		
	2.00	37.3	7.9	99.44		
	2.25	37.3	8.0	99.46		
	2.50	37.5	8.1	99.49		
	2.75	37.3	8.0	99.51		
	3.00	37.1	7.7	99.54		
	3.25	37.4	8.0	99.55		
	3.50	37.6	8.3	99.57		
	3.75	37.8	8.5	99.59		
	4.00	38.1	8.7	99.60		
	4.25	38.1	8.7	99.61		
	4.50	38.2	8.8	99.62		
	4.75	38.2	8.8	99.63		
	5.00	38.1	8.8	99.64		
	5.25	38.2	8.9	99.65		
	5.50	38.3	8.9	99.65		
	5.75	38.3	8.9	99.67		
	6.00	38.3	9.0	99.67		
	6.25	38.3	9.0	99.68		
	6.50	38.5	9.1	99.69		
	6.75	38.5	9.1	99.69		
	7.00	38.5	9.2	99.70		
	7.25	38.5	9.2	99.71		
	7.50	38.6	9.2	99.71		
	7.75	38.7	9.3	99.71		
	8.00	38.7	9.4	99.72		
	8.25	38.8	9.4	99.73		
	8.50	38.8	9.4	99.72		
	8.75	38.8	9.5	99.73		
	9.00	38.9	9.5	99.73		
	9.25	39.0	9.7	99.74		
	9.50	39.0	9.6	99.74		
	9.75	39.0	9.7	99.73		
	10.00	39.1	9.7	99.74		
	10.25	39.0	9.7	99.74		
	10.50	39.1	9.7	99.75		
	10.75	39.1	9.8	99.75		
	11.00	39.1	9.8	99.75		
	11.25	39.2	9.8	99.76		
	11.50	39.1	9.8	99.76		
	11.75	39.2	9.8	99.76		
	12.00	39.2	9.8	99.77		
	12.25	39.2	9.9	99.76		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10183 American Energies Dauwe B-3 DST #3

DATE: 06/09/97

TIME: 20:31:05

Time	Pressure PSI _g	delta P PSI _g	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
12.50	39.3	9.9	99.76		
12.75	39.3	9.9	99.77		
13.00	39.4	10	99.76		
13.25	39.3	10	99.77		
13.50	39.3	10	99.77		
13.75	39.5	10.1	99.78		
14.00	39.4	10.1	99.78		
14.25	39.5	10.1	99.78		
14.50	39.5	10.1	99.80		
14.75	39.5	10.2	99.79		
15.00	39.5	10.2	99.79		
15.25	39.5	10.2	99.79		
15.50	39.6	10.2	99.80		
15.75	39.6	10.2	99.79		
16.00	39.6	10.2	99.80		
16.25	39.6	10.3	99.80		
16.50	39.6	10.2	99.81		
16.75	39.6	10.2	99.81		
17.00	39.6	10.2	99.81		
17.25	39.6	10.2	99.81		
17.50	39.6	10.2	99.82		
17.75	39.5	10.2	99.82		
18.00	39.6	10.3	99.83		
18.25	39.6	10.3	99.83		
18.50	39.7	10.3	99.83		
18.75	39.7	10.4	99.83		
19.00	39.6	10.3	99.84		
19.25	39.6	10.3	99.84		
19.50	39.5	10.2	99.85		
19.75	39.6	10.2	99.85		
20.00	39.4	10.1	99.85		
20.25	39.4	10.0	99.85		
20.50	39.4	10.0	99.86		
20.75	39.3	9.9	99.86		
21.00	39.3	9.9	99.86		
21.25	39.3	10	99.87		
21.50	39.3	10	99.87		
21.75	39.3	9.9	99.88		
22.00	39.2	9.9	99.88		
22.25	39.2	9.8	99.89		
22.50	38.9	9.6	99.89		
22.75	38.8	9.4	99.89		
23.00	38.6	9.3	99.91		
23.25	38.6	9.3	99.90		
23.50	38.6	9.2	99.90		
23.75	38.5	9.2	99.91		
24.00	38.6	9.2	99.91		
24.25	38.6	9.2	99.92		
24.50	38.6	9.2	99.92		
24.75	38.6	9.2	99.93		
25.00	38.7	9.3	99.94		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10183 American Energies Dauwe B-3 DST #3

DATE: 06/09/97

TIME: 20:31:05

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	25.25	38.7	9.3	99.93		
	25.50	38.7	9.3	99.94		
	25.75	38.7	9.4	99.95		
	26.00	38.8	9.4	99.95		
	26.25	38.8	9.4	99.95		
	26.50	38.8	9.5	99.96		
	26.75	38.9	9.5	99.97		
	27.00	38.9	9.5	99.96		
	27.25	38.9	9.5	99.97		
	27.50	39.0	9.7	99.98		
	27.75	39.1	9.7	99.98		
	28.00	39.1	9.8	99.98		
	28.25	39.1	9.7	99.99		
	28.50	39.2	9.8	99.99		
	28.75	39.2	9.9	100.0		
	29.00	39.2	9.9	100.01		
	29.25	39.1	9.8	100.01		
	29.50	39.1	9.8	100.02		
	29.75	39.1	9.7	100.03		
	30.00	39.0	9.6	100.03		
	30.25	39.1	9.7	100.03		
	30.50	39.1	9.7	100.03		
	30.75	39.1	9.7	100.05		
	31.00	39.1	9.7	100.05		
	31.25	38.8	9.5	100.06		
	31.50	38.5	9.2	100.06		
	31.75	38.4	9.1	100.07		
***** End Flow 1	32.00	38.5	9.2	100.07		
***** Start Shutin 1	0.00	38.5	0.0	100.07	0.0000	0.001
	0.25	38.9	0.3	100.08	129.0000	0.002
	0.50	39.4	0.9	100.08	65.0000	0.002
	0.75	39.9	1.4	100.09	43.6667	0.002
	1.00	40.5	1.9	100.10	33.0000	0.002
	1.25	41.1	2.5	100.10	26.6000	0.002
	1.50	41.6	3.0	100.11	22.3333	0.002
	1.75	42.1	3.6	100.12	19.2857	0.002
	2.00	42.7	4.1	100.13	17.0000	0.002
	2.25	43.3	4.7	100.12	15.2222	0.002
	2.50	43.8	5.3	100.13	13.8000	0.002
	2.75	44.5	6.0	100.14	12.6364	0.002
	3.00	45.1	6.6	100.14	11.6667	0.002
	3.25	45.8	7.2	100.15	10.8462	0.002
	3.50	46.6	8.1	100.15	10.1429	0.002
	3.75	47.2	8.7	100.16	9.5333	0.002
	4.00	48.0	9.5	100.17	9.0000	0.002
	4.25	48.8	10.3	100.18	8.5294	0.002
	4.50	49.7	11.1	100.18	8.1111	0.002
	4.75	50.6	12.0	100.19	7.7368	0.003
	5.00	51.5	12.9	100.20	7.4000	0.003
	5.25	52.3	13.8	100.20	7.0952	0.003
	5.50	53.3	14.8	100.21	6.8182	0.003

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10183 American Energies Dauwe B-3 DST #3

DATE: 06/09/97

TIME: 20:31:05

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
5.75	54.3	15.8	100.21	6.5652	0.003
6.00	55.3	16.8	100.21	6.3333	0.003
6.25	56.4	17.9	100.23	6.1200	0.003
6.50	57.7	19.1	100.24	5.9231	0.003
6.75	58.8	20.2	100.24	5.7407	0.003
7.00	60.0	21.5	100.25	5.5714	0.004
7.25	61.3	22.8	100.25	5.4138	0.004
7.50	62.7	24.2	100.26	5.2667	0.004
7.75	64.1	25.6	100.27	5.1290	0.004
8.00	65.7	27.1	100.27	5.0000	0.004
8.25	67.2	28.7	100.28	4.8788	0.005
8.50	68.8	30.3	100.29	4.7647	0.005
8.75	70.5	32.0	100.29	4.6571	0.005
9.00	72.3	33.8	100.29	4.5556	0.005
9.25	74.2	35.7	100.30	4.4595	0.006
9.50	76.1	37.6	100.31	4.3684	0.006
9.75	78.1	39.6	100.32	4.2821	0.006
10.00	80.3	41.7	100.32	4.2000	0.006
10.25	82.4	43.9	100.33	4.1220	0.007
10.50	84.6	46.1	100.34	4.0476	0.007
10.75	86.9	48.4	100.34	3.9767	0.008
11.00	89.4	50.9	100.35	3.9091	0.008
11.25	91.9	53.4	100.36	3.8444	0.008
11.50	94.2	55.7	100.37	3.7826	0.009
11.75	97.0	58.4	100.37	3.7234	0.009
12.00	99.8	61.2	100.38	3.6667	0.01
12.25	102.7	64.1	100.39	3.6122	0.011
12.50	105.7	67.2	100.39	3.5600	0.011
12.75	108.8	70.3	100.40	3.5098	0.012
13.00	112.0	73.5	100.41	3.4615	0.013
13.25	115.3	76.7	100.42	3.4151	0.013
13.50	118.7	80.2	100.42	3.3704	0.014
13.75	122.2	83.6	100.43	3.3273	0.015
14.00	125.7	87.2	100.44	3.2857	0.016
14.25	129.4	90.9	100.45	3.2456	0.017
14.50	133.2	94.6	100.46	3.2069	0.018
14.75	137.0	98.5	100.46	3.1695	0.019
15.00	140.9	102.4	100.47	3.1333	0.020
15.25	144.9	106.3	100.48	3.0984	0.021
15.50	148.9	110.4	100.49	3.0645	0.022
15.75	152.7	114.2	100.49	3.0317	0.023
16.00	157.0	118.4	100.49	3.0000	0.025
16.25	161.1	122.6	100.50	2.9692	0.026
16.50	165.3	126.8	100.51	2.9394	0.027
16.75	169.7	131.1	100.52	2.9104	0.029
17.00	174.0	135.4	100.53	2.8824	0.030
17.25	178.3	139.8	100.54	2.8551	0.032
17.50	182.7	144.1	100.54	2.8286	0.033
17.75	187.1	148.6	100.55	2.8028	0.035
18.00	191.5	153.0	100.55	2.7778	0.037
18.25	195.9	157.4	100.56	2.7534	0.038

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10183 American Energies Dauwe B-3 DST #3

DATE: 06/09/97 TIME: 20:31:05

Time	Pressure PSIg	delta PSIg	P	Temp. DEG F	(T+dT)/dT	P^2/10^6
18.50	200.3	161.8		100.57	2.7297	0.040
18.75	204.8	166.3		100.59	2.7067	0.042
19.00	209.3	170.8		100.59	2.6842	0.044
19.25	213.7	175.1		100.60	2.6623	0.046
19.50	218.2	179.6		100.61	2.6410	0.048
19.75	222.5	184.0		100.61	2.6203	0.050
20.00	227.0	188.5		100.62	2.6000	0.052
20.25	231.4	192.9		100.63	2.5802	0.054
20.50	235.8	197.2		100.64	2.5610	0.056
20.75	240.2	201.6		100.65	2.5422	0.058
21.00	244.5	206.0		100.65	2.5238	0.060
21.25	248.9	210.3		100.66	2.5059	0.062
21.50	253.2	214.7		100.67	2.4884	0.064
21.75	257.5	218.9		100.68	2.4713	0.066
22.00	261.7	223.1		100.68	2.4545	0.068
22.25	265.9	227.4		100.69	2.4382	0.071
22.50	270.1	231.6		100.70	2.4222	0.073
22.75	274.3	235.7		100.71	2.4066	0.075
23.00	278.3	239.8		100.72	2.3913	0.077
23.25	282.5	244.0		100.73	2.3763	0.080
23.50	286.4	247.9		100.73	2.3617	0.082
23.75	290.4	251.9		100.75	2.3474	0.084
24.00	294.4	255.8		100.75	2.3333	0.087
24.25	298.4	259.8		100.75	2.3196	0.089
24.50	302.2	263.7		100.77	2.3061	0.091
24.75	306.1	267.5		100.77	2.2929	0.094
25.00	309.9	271.3		100.79	2.2800	0.096
25.25	313.7	275.2		100.79	2.2673	0.098
25.50	317.3	278.8		100.80	2.2549	0.101
25.75	321.0	282.5		100.81	2.2427	0.103
26.00	324.7	286.2		100.81	2.2308	0.105
26.25	328.3	289.8		100.83	2.2190	0.108
26.50	331.9	293.3		100.83	2.2075	0.110
26.75	335.4	296.8		100.84	2.1963	0.112
27.00	338.9	300.4		100.85	2.1852	0.115
27.25	342.4	303.8		100.86	2.1743	0.117
27.50	345.7	307.2		100.86	2.1636	0.120
27.75	349.1	310.6		100.87	2.1532	0.122
28.00	352.4	313.9		100.88	2.1429	0.124
28.25	355.9	317.4		100.89	2.1327	0.127
28.50	359.2	320.6		100.90	2.1228	0.129
28.75	362.4	323.9		100.90	2.1130	0.131
29.00	365.6	327.1		100.91	2.1034	0.134
***** End Shut-in 1	29.25	356.7	318.2	100.92	2.0940	0.127
***** Start Flow 2	0.00	40.9	0.0	100.93		
	0.25	40.6	-0.3	100.94		
	0.50	40.4	-0.5	100.95		
	0.75	40.4	-0.5	100.94		
	1.00	40.4	-0.5	100.95		
	1.25	40.4	-0.5	100.96		
	1.50	40.4	-0.5	100.96		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10183 American Energies Dauwe B-3 DST #3

DATE: 06/09/97

TIME: 20:31:05

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
1.75	40.4	-0.5	100.98		
2.00	40.2	-0.7	100.98		
2.25	40.2	-0.7	100.98		
2.50	40.2	-0.7	100.99		
2.75	40.1	-0.8	100.99		
3.00	40.2	-0.7	101.00		
3.25	40.2	-0.7	101.00		
3.50	40.2	-0.7	101.01		
3.75	40.4	-0.5	101.01		
4.00	40.4	-0.5	101.01		
4.25	40.5	-0.4	101.01		
4.50	40.5	-0.4	101.02		
4.75	40.5	-0.4	101.02		
5.00	40.5	-0.4	101.03		
5.25	99.8	58.9	101.04		
5.50	26.2	-14.7	101.05		
5.75	48.4	7.5	101.06		
6.00	48.2	7.3	101.07		
6.25	48.1	7.2	101.08		
6.50	48.0	7.1	101.08		
6.75	48.1	7.2	101.09		
7.00	48.0	7.1	101.10		
7.25	48.1	7.2	101.11		
7.50	48.0	7.1	101.11		
7.75	48.0	7.1	101.12		
8.00	48.0	7.1	101.11		
8.25	47.9	7.0	101.12		
8.50	47.9	7.0	101.13		
8.75	48.0	7.1	101.13		
9.00	47.8	6.9	101.13		
9.25	47.9	7.0	101.14		
9.50	47.8	6.9	101.14		
9.75	47.6	6.7	101.15		
10.00	47.4	6.5	101.15		
10.25	47.3	6.4	101.16		
10.50	47.4	6.5	101.16		
10.75	47.6	6.7	101.17		
11.00	47.5	6.6	101.18		
11.25	47.6	6.7	101.18		
11.50	47.6	6.7	101.19		
11.75	47.7	6.8	101.19		
12.00	47.7	6.8	101.20		
12.25	47.7	6.8	101.21		
12.50	47.7	6.8	101.21		
12.75	47.7	6.8	101.22		
13.00	47.7	6.8	101.23		
13.25	47.6	6.7	101.23		
13.50	47.7	6.8	101.24		
13.75	47.6	6.7	101.25		
14.00	47.6	6.7	101.25		
14.25	47.5	6.6	101.26		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10183 American Energies Dauwe B-3 DST #3

DATE: 06/09/97 TIME: 20:31:05

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
14.50	47.4	6.5	101.26		
14.75	47.5	6.6	101.27		
15.00	47.5	6.6	101.27		
15.25	47.5	6.6	101.28		
15.50	47.5	6.6	101.29		
15.75	47.4	6.5	101.30		
16.00	47.5	6.6	101.30		
16.25	47.4	6.5	101.31		
16.50	47.4	6.5	101.31		
16.75	47.4	6.5	101.33		
17.00	47.4	6.5	101.33		
17.25	47.4	6.5	101.34		
17.50	47.4	6.5	101.35		
17.75	47.5	6.6	101.35		
18.00	47.5	6.6	101.35		
18.25	47.5	6.6	101.36		
18.50	47.4	6.5	101.37		
18.75	47.5	6.6	101.38		
19.00	47.5	6.6	101.38		
19.25	47.5	6.6	101.39		
19.50	47.5	6.6	101.40		
19.75	47.3	6.4	101.41		
20.00	47.3	6.4	101.40		
20.25	47.3	6.4	101.42		
20.50	47.4	6.5	101.42		
20.75	47.3	6.4	101.44		
21.00	47.3	6.4	101.44		
21.25	47.3	6.4	101.44		
21.50	47.5	6.6	101.46		
21.75	47.3	6.4	101.46		
22.00	47.3	6.4	101.47		
22.25	47.4	6.5	101.47		
22.50	47.4	6.5	101.48		
22.75	47.4	6.5	101.48		
23.00	47.4	6.5	101.50		
23.25	47.4	6.5	101.50		
23.50	47.4	6.5	101.51		
23.75	47.4	6.5	101.52		
24.00	47.3	6.4	101.52		
24.25	47.3	6.4	101.53		
24.50	47.3	6.4	101.54		
24.75	47.2	6.3	101.54		
25.00	47.2	6.3	101.55		
25.25	47.1	6.2	101.56		
25.50	47.0	6.1	101.56		
25.75	47.0	6.1	101.57		
26.00	47.0	6.1	101.57		
26.25	47.0	6.1	101.58		
26.50	47.0	6.1	101.59		
26.75	47.0	6.1	101.60		
27.00	46.8	5.9	101.60		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10183 American Energies Dauwe B-3 DST #3

DATE: 06/09/97

TIME: 20:31:05

	Time	Pressure PSI _g	delta P PSI _g	P	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	27.25	46.8	5.9		101.61		
	27.50	46.7	5.8		101.62		
	27.75	46.8	5.9		101.62		
	28.00	46.7	5.8		101.63		
	28.25	46.6	5.7		101.63		
	28.50	44.9	4.0		101.63		
	28.75	44.0	3.1		101.65		
	29.00	42.1	1.2		101.65		
***** End Flow 2	29.25	44.5	3.6		101.66		
***** Start Shutin 2	0.00	44.5	0.0		101.66	0.0000	0.002
	0.25	44.9	0.4		101.67	246.0000	0.002
	0.50	45.4	0.9		101.67	123.5000	0.002
	0.75	46.0	1.4		101.68	82.6667	0.002
	1.00	46.6	2.0		101.69	62.2500	0.002
	1.25	47.0	2.5		101.70	50.0000	0.002
	1.50	47.5	3.0		101.70	41.8333	0.002
	1.75	48.1	3.6		101.70	36.0000	0.002
	2.00	48.8	4.2		101.71	31.6250	0.002
	2.25	49.4	4.8		101.72	28.2222	0.002
	2.50	49.9	5.4		101.72	25.5000	0.002
	2.75	50.6	6.0		101.73	23.2727	0.003
	3.00	51.3	6.7		101.73	21.4167	0.003
	3.25	52.0	7.5		101.74	19.8462	0.003
	3.50	52.6	8.1		101.76	18.5000	0.003
	3.75	53.3	8.8		101.75	17.3333	0.003
	4.00	54.1	9.6		101.76	16.3125	0.003
	4.25	54.8	10.3		101.77	15.4118	0.003
	4.50	55.6	11.1		101.78	14.6111	0.003
	4.75	56.5	11.9		101.78	13.8947	0.003
	5.00	57.3	12.7		101.79	13.2500	0.003
	5.25	58.2	13.6		101.79	12.6667	0.003
	5.50	59.1	14.6		101.80	12.1364	0.003
	5.75	60.0	15.5		101.81	11.6522	0.004
	6.00	61.0	16.5		101.81	11.2083	0.004
	6.25	62.0	17.5		101.82	10.8000	0.004
	6.50	63.0	18.4		101.82	10.4231	0.004
	6.75	64.1	19.5		101.83	10.0741	0.004
	7.00	65.1	20.6		101.84	9.7500	0.004
	7.25	66.3	21.7		101.85	9.4483	0.004
	7.50	67.4	22.9		101.85	9.1667	0.005
	7.75	68.6	24.1		101.86	8.9032	0.005
	8.00	69.8	25.2		101.87	8.6562	0.005
	8.25	71.1	26.6		101.86	8.4242	0.005
	8.50	72.4	27.9		101.88	8.2059	0.005
	8.75	73.7	29.1		101.88	8.0000	0.005
	9.00	75.1	30.6		101.88	7.8056	0.006
	9.25	76.5	31.9		101.89	7.6216	0.006
	9.50	78.0	33.4		101.91	7.4474	0.006
	9.75	79.4	34.9		101.91	7.2821	0.006
	10.00	80.9	36.4		101.91	7.1250	0.007
	10.25	82.4	37.9		101.92	6.9756	0.007

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10183 American Energies Dauwe B-3 DST #3

DATE: 06/09/97

TIME: 20:31:05

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
10.50	84.0	39.5	101.92	6.8333	0.007
10.75	85.7	41.2	101.93	6.6977	0.007
11.00	87.3	42.7	101.94	6.5682	0.008
11.25	89.1	44.5	101.94	6.4444	0.008
11.50	90.8	46.3	101.95	6.3261	0.008
11.75	92.6	48.1	101.96	6.2128	0.009
12.00	94.5	49.9	101.96	6.1042	0.009
12.25	96.3	51.7	101.98	6.0000	0.009
12.50	98.2	53.6	101.98	5.9000	0.01
12.75	100.1	55.6	101.99	5.8039	0.010
13.00	102.2	57.6	101.99	5.7115	0.010
13.25	104.2	59.7	102.00	5.6226	0.011
13.50	106.2	61.7	102.01	5.5370	0.011
13.75	108.4	63.8	102.01	5.4545	0.012
14.00	110.5	66.0	102.02	5.3750	0.012
14.25	112.6	68.1	102.02	5.2982	0.013
14.50	114.9	70.3	102.03	5.2241	0.013
14.75	117.0	72.5	102.04	5.1525	0.014
15.00	119.3	74.8	102.04	5.0833	0.014
15.25	121.6	77.0	102.05	5.0164	0.015
15.50	124.0	79.4	102.05	4.9516	0.015
15.75	126.3	81.8	102.06	4.8889	0.016
16.00	128.7	84.1	102.07	4.8281	0.017
16.25	131.0	86.5	102.07	4.7692	0.017
16.50	133.5	89.0	102.08	4.7121	0.018
16.75	136.0	91.4	102.08	4.6567	0.018
17.00	138.4	93.8	102.09	4.6029	0.019
17.25	140.9	96.4	102.09	4.5507	0.020
17.50	143.4	98.9	102.10	4.5000	0.021
17.75	145.9	101.4	102.10	4.4507	0.021
18.00	148.5	104.0	102.11	4.4028	0.022
18.25	151.0	106.5	102.11	4.3562	0.023
18.50	153.6	109.1	102.12	4.3108	0.024
18.75	156.3	111.7	102.13	4.2667	0.024
19.00	158.8	114.3	102.14	4.2237	0.025
19.25	161.4	116.9	102.14	4.1818	0.026
19.50	164.0	119.5	102.15	4.1410	0.027
19.75	166.8	122.2	102.15	4.1013	0.028
20.00	169.3	124.7	102.16	4.0625	0.029
20.25	172.0	127.4	102.17	4.0247	0.030
20.50	174.6	130.1	102.18	3.9878	0.030
20.75	177.2	132.7	102.18	3.9518	0.031
21.00	179.8	135.3	102.18	3.9167	0.032
21.25	182.6	138.0	102.20	3.8824	0.033
21.50	185.2	140.6	102.20	3.8488	0.034
21.75	187.9	143.3	102.21	3.8161	0.035
22.00	190.4	145.9	102.22	3.7841	0.036
22.25	193.1	148.6	102.22	3.7528	0.037
22.50	195.8	151.3	102.23	3.7222	0.038
22.75	198.4	153.8	102.23	3.6923	0.039
23.00	201.0	156.5	102.24	3.6630	0.040

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10183 American Energies Dauwe B-3 DST #3

DATE: 06/09/97

TIME: 20:31:05

	Time	Pressure PSIg	delta P PSIg	P	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	23.25	203.7	159.1		102.25	3.6344	0.041
	23.50	206.2	161.7		102.25	3.6064	0.043
	23.75	208.9	164.3		102.26	3.5789	0.044
	24.00	211.5	166.9		102.26	3.5521	0.045
	24.25	214.1	169.6		102.27	3.5258	0.046
	24.50	216.7	172.1		102.28	3.5000	0.047
	24.75	219.3	174.7		102.29	3.4747	0.048
	25.00	221.8	177.2		102.29	3.4500	0.049
	25.25	224.4	179.8		102.30	3.4257	0.050
	25.50	226.9	182.4		102.31	3.4020	0.051
	25.75	229.5	184.9		102.30	3.3786	0.053
	26.00	231.9	187.4		102.32	3.3558	0.054
	26.25	234.5	189.9		102.33	3.3333	0.055
	26.50	236.9	192.3		102.33	3.3113	0.056
	26.75	239.4	194.8		102.33	3.2897	0.057
	27.00	241.9	197.3		102.34	3.2685	0.058
	27.25	244.3	199.7		102.34	3.2477	0.060
	27.50	246.7	202.1		102.36	3.2273	0.061
	27.75	249.1	204.6		102.36	3.2072	0.062
	28.00	251.6	207.0		102.37	3.1875	0.063
	28.25	253.9	209.4		102.37	3.1681	0.064
	28.50	256.3	211.8		102.38	3.1491	0.066
	28.75	258.7	214.2		102.39	3.1304	0.067
	29.00	261.1	216.5		102.39	3.1121	0.068
	29.25	263.5	218.9		102.40	3.0940	0.069
	29.50	265.8	221.3		102.40	3.0763	0.071
	29.75	268.1	223.6		102.41	3.0588	0.072
	30.00	270.4	225.8		102.42	3.0417	0.073
	30.25	272.7	228.2		102.42	3.0248	0.074
***** End Shut-in 2	30.50	274.9	230.4		102.43	3.0082	0.076
***** Final Hydro.	200.00	1793.3	0.0		102.47		

TEST HISTORY

10183 American Energies Dauwe B-3 DST #3

Flag Points

t (Min.)	P (PSig)
A: 0.00	1786.47
B: 0.00	29.36
C: 32.00	38.54
D: 29.25	356.73
E: 0.00	40.90
F: 29.25	44.54
G: 30.50	274.94
Q: 0.00	1793.32

