

Well Name: LEGLEITER #1-10
Company : LIBOC, INC
Location - Sec: 10
County: RUSH
Date: 12/1/95

Twp: 16S
State: KS
Rge: 18W

TRILOBITE TESTING L.L.C.

OPERATOR : Liboc, Inc
WELL NAME: Legleiter #1-10
LOCATION : 10-16S-18W, Rush Cty KS
INTERVAL : 2925.00 To 2937.00 ft

DATE 11-29-95
KB 1940.00 ft TICKET NO: 8727 DST #1
GR 1931.00 ft FORMATION: TOPEKA
TD 2937.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	13754	13754	2342			PF Fr. 0125 to 0210 hr
SI 45 Range(Psi)	4000.0	4000.0	4995.0	0.0	0.0	IS Fr. 0210 to 0255 hr
SF 45 Clock(hrs)	AK-1	AK-1	Alpin			SF Fr. 0255 to 0340 hr
FS 60 Depth(ft)	2934.0	2934.0	2928.0	0.0	0.0	FS Fr. 0340 to 0440 hr

	Field	1	2	3	4	
A. Init Hydro	1406.0	1431.0	1362.0	0.0	0.0	T STARTED 2405 hr
B. First Flow	39.0	45.0	34.0	0.0	0.0	T ON BOTM 0120 hr
Bl. Final Flow	49.0	59.0	67.0	0.0	0.0	T OPEN 0125 hr
C. In Shut-in	936.0	939.0	963.0	0.0	0.0	T PULLED 0440 hr
D. Init Flow	78.0	77.0	67.0	0.0	0.0	T OUT 0615 hr
E. Final Flow	98.0	94.0	102.0	0.0	0.0	
F. Fl Shut-in	936.0	927.0	949.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1366.0	1395.0	1347.0	0.0	0.0	Tool Wt. 2000.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 120000.00 lbs
						Initial Str Wt 49000.00 lbs
						Unseated Str Wt 49000.00 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 30.00 ft
						D.P. Length 2884.00 ft

RECOVERY

Tot Fluid 186.00 ft of 30.00 ft in DC and 156.00 ft in DP
62.00 ft of Gassy mud
124.00 ft of Muddy water

RW .14 @ 72 F

SALINITY 55000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -

Slid tool 10' to bottom; Strong blow
- bottom of bucket in 20 seconds

Final Flow -

Strong - Bottom of bucket in 3 minutes

SAMPLES: YES

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	8.70 lb/cf
Vis.	48.00 S/L
W.L.	8.00 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	10.00 ft
Btm. H. Temp.	100.00 F
Hole Condition	POOR
% 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	DAN BANGLE
Co. Rep.	JEFF ZOLLER
Contr.	DUKE
Rig #	4
Unit #	
Pump T.	

Test Successful: Y

TEST HISTORY

TICKET #8727 DST #1 LEGLEITER #1-10 LIBOC, INC.

Flag Points

t (Min.) P (PSig)

A: 0.00 1362.90
 B: 0.00 34.15
 C: 43.00 66.88
 D: 45.00 963.32
 E: 0.00 67.05
 F: 45.00 102.38
 G: 60.00 949.97
 Q: 0.00 1347.62

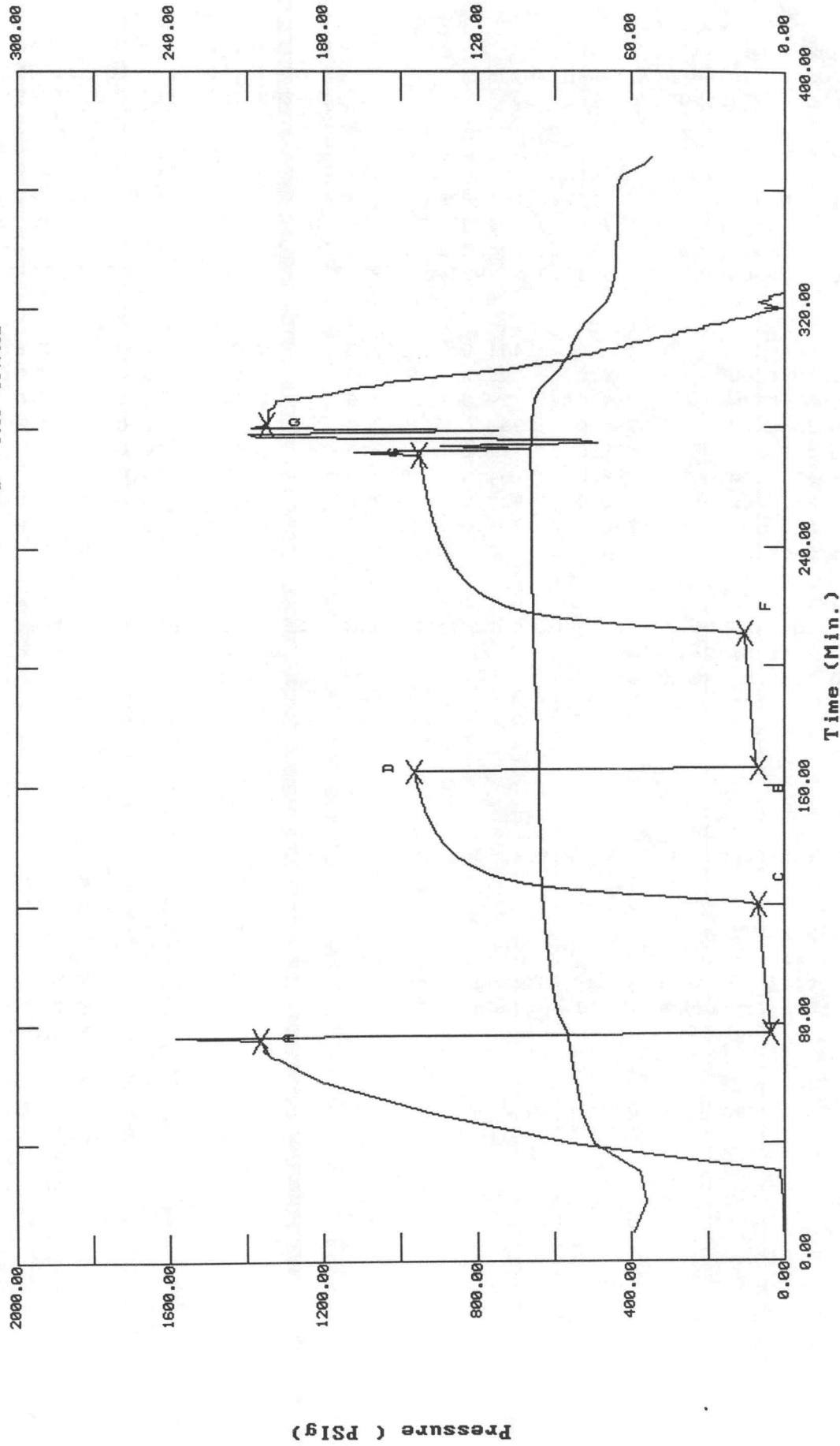
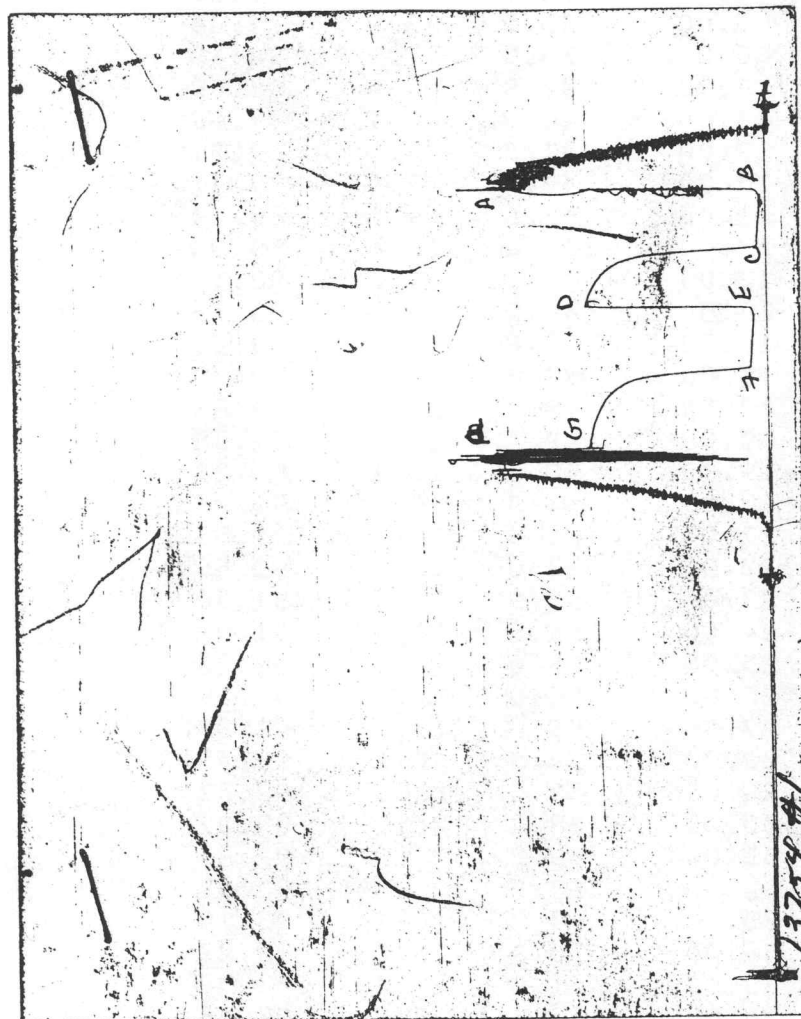


CHART PAGE



This is an actual photograph of recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TICKET #8727 DST #1 LEGLEITER #1-10 LIBOC, INC.

DATE: 11/28/95 TIME: 13:07:34

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	75.00	1362.9	0.0	84.28		
***** Start Flow 1	0.00	34.2	0.0	84.61		
	1.00	33.8	-0.3	85.13		
	2.00	34.8	0.7	85.79		
	3.00	35.6	1.4	86.47		
	4.00	36.9	2.8	87.10		
	5.00	38.0	3.9	87.66		
	6.00	39.0	4.9	88.15		
	7.00	39.9	5.8	88.58		
	8.00	40.9	6.7	88.93		
	9.00	41.8	7.6	89.24		
	10.00	42.8	8.6	89.51		
	11.00	43.6	9.5	89.76		
	12.00	44.6	10.4	89.98		
	13.00	45.3	11.2	90.18		
	14.00	46.2	12.0	90.37		
	15.00	47.0	12.8	90.55		
	16.00	47.8	13.7	90.72		
	17.00	48.7	14.5	90.89		
	18.00	49.4	15.3	91.05		
	19.00	50.3	16.1	91.21		
	20.00	51.0	16.9	91.36		
	21.00	51.9	17.8	91.51		
	22.00	53.0	18.9	91.65		
	23.00	53.9	19.7	91.79		
	24.00	54.5	20.3	91.93		
	25.00	55.0	20.8	92.06		
	26.00	55.6	21.5	92.19		
	27.00	56.5	22.3	92.33		
	28.00	56.8	22.7	92.46		
	29.00	57.6	23.5	92.59		
	30.00	58.4	24.3	92.72		
	31.00	59.2	25.0	92.85		
	32.00	59.5	25.3	92.97		
	33.00	60.3	26.1	93.10		
	34.00	60.9	26.8	93.22		
	35.00	61.5	27.4	93.34		
	36.00	62.1	27.9	93.46		
	37.00	62.8	28.6	93.57		
	38.00	63.4	29.2	93.68		
	39.00	63.9	29.8	93.79		
	40.00	64.8	30.6	93.90		
	41.00	65.5	31.4	94.00		
	42.00	66.5	32.4	94.10		
***** End Flow 1	43.00	66.9	32.7	94.20		
***** Start Shutin 1	0.00	66.9	0.0	94.20	0.0000	0.004
	1.00	116.6	49.7	94.30	44.0000	0.014
	2.00	221.6	154.8	94.40	22.5000	0.049
	3.00	338.7	271.8	94.50	15.3333	0.115
	4.00	448.2	381.4	94.58	11.7500	0.201
	5.00	543.9	477.0	94.66	9.6000	0.296

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TICKET #8727 DST #1 LEGLEITER #1-10 LIBOC, INC.

DATE: 11/28/95

TIME: 13:07:34

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	6.00	616.9	550.1	94.74	8.1667	0.381
	7.00	669.9	603.0	94.82	7.1429	0.449
	8.00	709.2	642.3	94.87	6.3750	0.503
	9.00	739.2	672.3	94.94	5.7778	0.546
	10.00	763.1	696.2	94.99	5.3000	0.582
	11.00	782.6	715.7	95.03	4.9091	0.612
	12.00	799.2	732.4	95.08	4.5833	0.639
	13.00	813.6	746.7	95.12	4.3077	0.662
	14.00	826.0	759.1	95.16	4.0714	0.682
	15.00	837.3	770.5	95.20	3.8667	0.701
	16.00	847.2	780.4	95.24	3.6875	0.718
	17.00	856.3	789.4	95.28	3.5294	0.733
	18.00	864.6	797.7	95.32	3.3889	0.748
	19.00	872.3	805.4	95.36	3.2632	0.761
	20.00	879.1	812.3	95.39	3.1500	0.773
	21.00	885.7	818.8	95.42	3.0476	0.784
	22.00	891.5	824.6	95.46	2.9545	0.795
	23.00	897.1	830.2	95.48	2.8696	0.805
	24.00	902.3	835.4	95.50	2.7917	0.814
	25.00	907.1	840.2	95.54	2.7200	0.823
	26.00	911.6	844.7	95.56	2.6538	0.831
	27.00	916.0	849.1	95.58	2.5926	0.839
	28.00	919.9	853.0	95.61	2.5357	0.846
	29.00	923.7	856.8	95.63	2.4828	0.853
	30.00	927.1	860.3	95.65	2.4333	0.860
	31.00	930.6	863.7	95.68	2.3871	0.866
	32.00	933.7	866.8	95.70	2.3438	0.872
	33.00	936.7	869.8	95.73	2.3030	0.877
	34.00	939.6	872.7	95.75	2.2647	0.883
	35.00	942.2	875.4	95.78	2.2286	0.888
	36.00	944.8	877.9	95.80	2.1944	0.893
	37.00	947.3	880.4	95.83	2.1622	0.897
	38.00	949.6	882.8	95.85	2.1316	0.902
	39.00	951.8	884.9	95.87	2.1026	0.906
	40.00	954.0	887.1	95.89	2.0750	0.910
	41.00	956.1	889.2	95.91	2.0488	0.914
	42.00	957.9	891.1	95.93	2.0238	0.918
	43.00	959.8	892.9	95.96	2.0000	0.921
	44.00	961.6	894.8	95.97	1.9773	0.925
***** End Shut-in 1	45.00	963.3	896.4	95.99	1.9556	0.928
***** Start Flow 2	0.00	67.0	0.0	95.98		
	1.00	72.2	5.1	95.99		
	2.00	73.7	6.6	96.00		
	3.00	73.8	6.7	96.02		
	4.00	73.8	6.8	96.05		
	5.00	74.9	7.9	96.09		
	6.00	75.4	8.3	96.14		
	7.00	76.6	9.6	96.20		
	8.00	77.1	10.1	96.25		
	9.00	78.7	11.7	96.31		
	10.00	79.9	12.8	96.36		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TICKET #8727 DST #1 LEGLEITER #1-10 LIBOC, INC.

DATE: 11/28/95

TIME: 13:07:34

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
11.00	80.6	13.5	96.43		
12.00	81.4	14.4	96.49		
13.00	82.3	15.3	96.55		
14.00	83.0	15.9	96.61		
15.00	83.7	16.6	96.67		
16.00	84.4	17.4	96.73		
17.00	84.8	17.8	96.80		
18.00	85.5	18.5	96.86		
19.00	86.3	19.2	96.92		
20.00	87.3	20.2	96.98		
21.00	87.8	20.7	97.04		
22.00	88.3	21.2	97.10		
23.00	89.4	22.3	97.15		
24.00	89.7	22.7	97.21		
25.00	90.3	23.2	97.26		
26.00	91.1	24.0	97.31		
27.00	91.8	24.8	97.37		
28.00	92.1	25.1	97.42		
29.00	92.8	25.8	97.46		
30.00	93.4	26.4	97.51		
31.00	94.1	27.0	97.57		
32.00	95.0	27.9	97.61		
33.00	95.6	28.5	97.66		
34.00	96.4	29.4	97.70		
35.00	96.8	29.8	97.74		
36.00	97.3	30.3	97.78		
37.00	97.4	30.4	97.82		
38.00	98.4	31.3	97.86		
39.00	98.6	31.6	97.91		
40.00	99.4	32.4	97.95		
41.00	100.1	33.1	97.99		
42.00	100.7	33.7	98.03		
43.00	101.2	34.2	98.07		
44.00	101.8	34.7	98.12		
45.00	102.4	35.3	98.16		

***** End Flow 2

***** Start Shutin 2

0.00	102.4	0.0	98.16	0.0000	0.010
1.00	199.8	97.4	98.21	89.0000	0.040
2.00	311.6	209.2	98.25	45.0000	0.097
3.00	414.8	312.5	98.29	30.3333	0.172
4.00	500.5	398.2	98.33	23.0000	0.251
5.00	569.9	467.6	98.36	18.6000	0.325
6.00	624.4	522.0	98.40	15.6667	0.390
7.00	665.8	563.4	98.43	13.5714	0.443
8.00	697.7	595.3	98.46	12.0000	0.487
9.00	722.9	620.5	98.48	10.7778	0.523
10.00	743.3	641.0	98.50	9.8000	0.553
11.00	760.5	658.1	98.53	9.0000	0.578
12.00	775.1	672.7	98.55	8.3333	0.601
13.00	787.8	685.4	98.58	7.7692	0.621
14.00	798.9	696.5	98.60	7.2857	0.638
15.00	809.1	706.7	98.63	6.8667	0.655

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TICKET #8727 DST #1 LEGLEITER #1-10 LIBOC, INC.

DATE: 11/28/95

TIME: 13:07:34

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
16.00	818.1	715.7	98.65	6.5000	0.669
17.00	826.3	723.9	98.67	6.1765	0.683
18.00	833.7	731.3	98.69	5.8889	0.695
19.00	840.7	738.3	98.72	5.6316	0.707
20.00	847.0	744.6	98.73	5.4000	0.717
21.00	852.9	750.5	98.75	5.1905	0.727
22.00	858.3	755.9	98.78	5.0000	0.737
23.00	863.4	761.1	98.78	4.8261	0.746
24.00	868.2	765.8	98.81	4.6667	0.754
25.00	872.7	770.3	98.82	4.5200	0.762
26.00	877.0	774.6	98.84	4.3846	0.769
27.00	881.0	778.6	98.85	4.2593	0.776
28.00	884.8	782.4	98.87	4.1429	0.783
29.00	888.3	785.9	98.89	4.0345	0.789
30.00	891.7	789.3	98.90	3.9333	0.795
31.00	894.9	792.5	98.91	3.8387	0.801
32.00	898.0	795.6	98.93	3.7500	0.806
33.00	901.0	798.6	98.94	3.6667	0.812
34.00	903.6	801.3	98.96	3.5882	0.817
35.00	906.4	804.0	98.98	3.5143	0.822
36.00	909.0	806.6	98.99	3.4444	0.826
37.00	911.4	809.1	99.00	3.3784	0.831
38.00	913.8	811.4	99.01	3.3158	0.835
39.00	916.1	813.7	99.03	3.2564	0.839
40.00	918.3	815.9	99.04	3.2000	0.843
41.00	920.4	818.0	99.04	3.1463	0.847
42.00	922.5	820.1	99.06	3.0952	0.851
43.00	924.5	822.2	99.06	3.0465	0.855
44.00	926.3	823.9	99.08	3.0000	0.858
45.00	928.1	825.8	99.09	2.9556	0.861
46.00	929.9	827.5	99.10	2.9130	0.865
47.00	931.7	829.3	99.11	2.8723	0.868
48.00	933.4	831.0	99.12	2.8333	0.871
49.00	935.0	832.6	99.14	2.7959	0.874
50.00	936.6	834.2	99.14	2.7600	0.877
51.00	938.1	835.7	99.16	2.7255	0.880
52.00	939.5	837.1	99.16	2.6923	0.883
53.00	941.0	838.6	99.17	2.6604	0.885
54.00	942.3	839.9	99.19	2.6296	0.888
55.00	943.8	841.4	99.19	2.6000	0.891
56.00	945.0	842.6	99.20	2.5714	0.893
57.00	946.2	843.8	99.30	2.5439	0.895
58.00	947.5	845.2	99.21	2.5172	0.898
59.00	948.8	846.4	99.22	2.4915	0.900
60.00	950.0	847.6	99.23	2.4667	0.902

***** End Shut-in 2

***** Final Hydro. 281.00 1347.6 0.0 99.07

*** TOOL DIAGRAM *** CONV

WELL NAME: Legleiter #1-10

LOCATION : 10-16S-18W, Rush Cty KS

TICKET No. 8727 D.S.T. No. 1 DATE 11-29-95

TOTAL TOOL TO BOTTOM OF TOP PACKERS 20

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 12

TOTAL TOOL 32

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 32

D.C. ABOVE TOOLS.Stands Single 1 Total 30

D.P. ABOVE TOOLS.Stands47 Single Total 2884

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 2946

TOTAL DEPTH 2937

TOTAL DRILL PIPE ABOVE K.B. 9

REMARKS:

*Slid tool 10' to bottom

P.O. SUB	2785
C.O. SUB	2905
S.I. TOOL STERLING	2911
HMV H&T	2916
JARS NA	
SAFETY JOINT NA	
PACKER	2920
PACKER	2925
DEPTH 2925	
STUBB 1'	2926
ANCHOR 1' PERFS	2927
ALPINE RECORDER	2929
T.C. DEPTH	
5' PERFS	2932
AK-1 RECORDER	2934
BULLNOSE 5' BULLPLUG	
T.D.	2937

TRILOBITE TESTING L.L.C.

OPERATOR : Liboc, Inc.
WELL NAME: Legleiter #1-10
LOCATION : 10-16S-18W, Rush Cty KS
INTERVAL : 3435.00 To 3515.00 ft

DATE 11-30-95
KB 1940.00 ft TICKET NO: 8728 DST #2
GR 1931.00 ft FORMATION: SAND
TD 3515.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	13754	13754	2342			PF Fr. 2305 to 2350 hr
SI 45 Range(Psi)	4000.0	4000.0	4995.0	0.0	0.0	IS Fr. 2350 to 2435 hr
SF 60 Clock(hrs)	AK-1	AK-1	Alpin			SF Fr. 2435 to 0135 hr
FS 60 Depth(ft)	3515.0	3515.0	3438.0	0.0	0.0	FS Fr. 0135 to 0235 hr

	Field	1	2	3	4	
A. Init Hydro	1736.0	1723.0	1737.0	0.0	0.0	T STARTED 2200 hr
B. First Flow	39.0	78.0	334.0	0.0	0.0	T ON BOTM 2300 hr
Bl. Final Flow	68.0	102.0	90.0	0.0	0.0	T OPEN 2305 hr
C. In Shut-in	1086.0	1128.0	1120.0	0.0	0.0	T PULLED 0235 hr
D. Init Flow	98.0	130.0	96.0	0.0	0.0	T OUT 0400 hr
E. Final Flow	137.0	162.0	150.0	0.0	0.0	
F. Fl Shut-in	1116.0	1135.0	1125.0	0.0	0.0	
G. Final Hydro	1686.0	1701.0	1691.0	0.0	0.0	
Inside/Outside	O	O	I			

RECOVERY

Tot Fluid 273.00 ft of 30.00 ft in DC and 243.00 ft in DP
273.00 ft of Drilling mud

TOOL DATA-----
Tool Wt. 2000.00 lbs
Wt Set On Packer 20000.00 lbs
Wt Pulled Loose 56000.00 lbs
Initial Str Wt 54000.00 lbs
Unseated Str Wt 54000.00 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 30.00 ft
D.P. Length 3400.00 ft

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

BLOW DESCRIPTION

Initial Flow -
Weak, building to 10" fair blow

Final Flow -
Weak, building to 4" fair blow

SAMPLES:
SENT TO:

MUD DATA-----
Mud Type Chemical
Weight 9.40 lb/cf
Vis. 58.00 S/L
W.L. 9.60 in3
F.C. 0.00 in
Mud Drop N

Amt. of fill 0.00 ft
Btm. H. Temp. 105.00 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 DAN BANGLE
Co. Rep. JEFF ZOLLER
Contr. DUKE
Rig # 4
Unit #
Pump T.

Test Successful: Y

Operator.....: Liboc, Inc
Well Name.....: Legleiter #1-10
DST Number.....: 2

Location.: 10-16S-18W, Rush Cty KS Recorder No....: 2342
Test Type: Conventional Recorder Depth: 3438
Formation: Sand Test Interval.: 3435-3515

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

RESERVOIR PARAMETERS USED:

Net Pay.....:	7.00	ft
Porosity.....:	16.00	%
Bottom Hole Temp.....:	105.00	F
Specific Gravity.....:	0.660	
Z factor.....:	$\frac{7}{3}f$	%s
Compressibility.....:	0.006812	/psi
Viscosity.....:	0.0137	cp
Total Flowing Time.....:	105.00	min.
Flow Rate.....:	0.01	
Final Flowing Pressure.....:	150.00	psi
Horner Slope.....:	0.2800	$\times 10^6$ psi ² /cycle
Extrapolated Pressure.....:	1177.53	psi
Assumed Drainage Radius.....:	1500.00	ft
Well Bore Radius.....:	3.94	in

RESULTS:

Effective Permeability.....:	0.000063	md
Flow Capacity.....:	0.0004	md.ft
Transmissibility.....:	0.0323	md.ft/cp
Skin Factor.....:	9.6916	
Pressure Drop Across Skin.....:	1392.9414	psi
Radius of Investigation.....:	0.0790	ft
Damage Ratio.....:	-2.7518	
Absolute Open Flow.....:	0.0102	
Absolute Open Flow W/O Damage.:	0.0102	
Estimated Stabilized AOF.....:	0.0047	

TEST HISTORY

TICKET #8728 DST #2 LEGLEITER # 1-10 LIBOC, INC.

Flag Points

t(Min.) P(PSig)

A: 0.00 1736.79
 B: 0.00 33.73
 C: 44.00 90.13
 D: 45.00 1119.50
 E: 0.00 95.84
 F: 59.00 150.05
 G: 60.00 1124.79
 Q: 0.00 1691.47

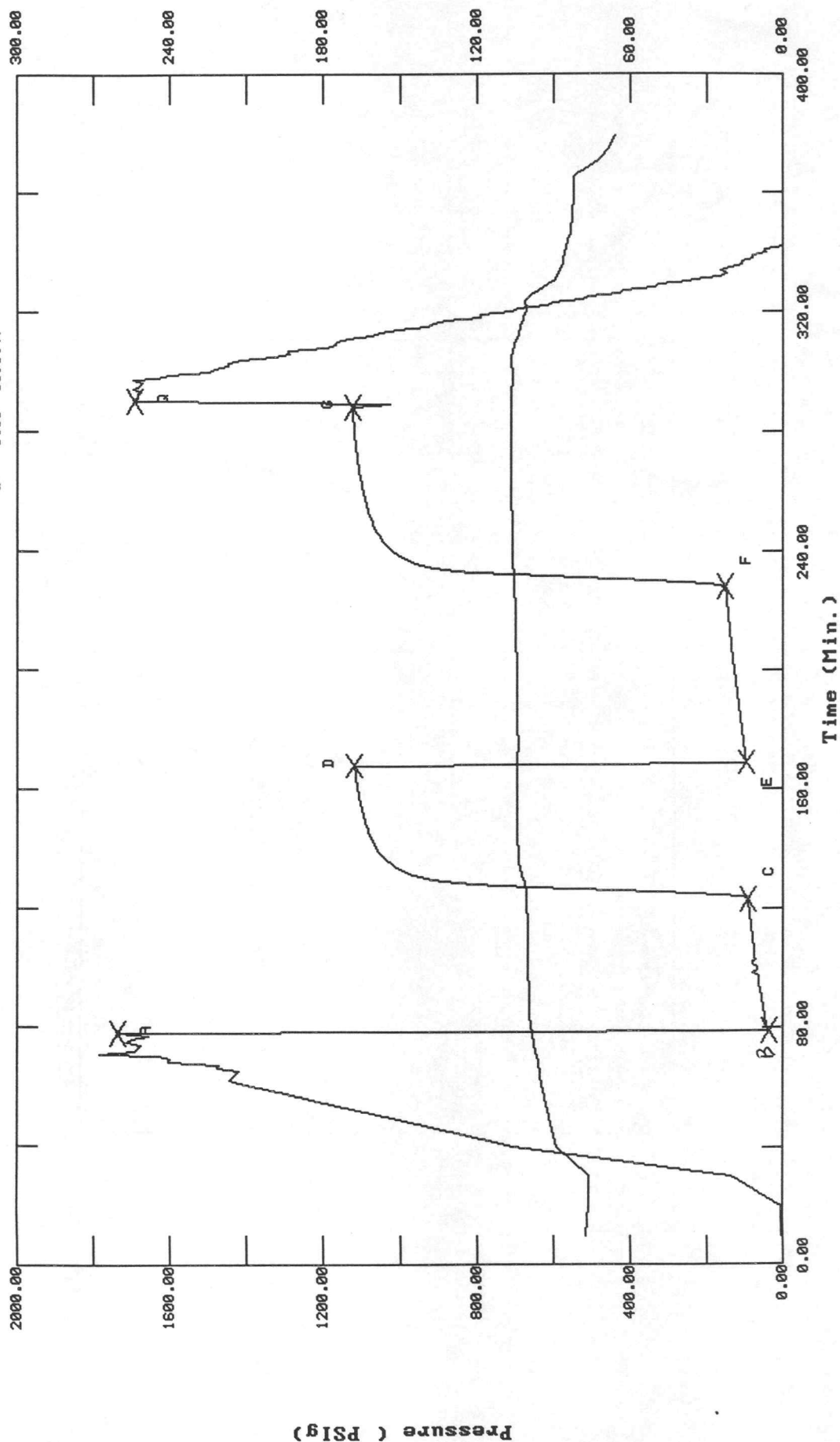
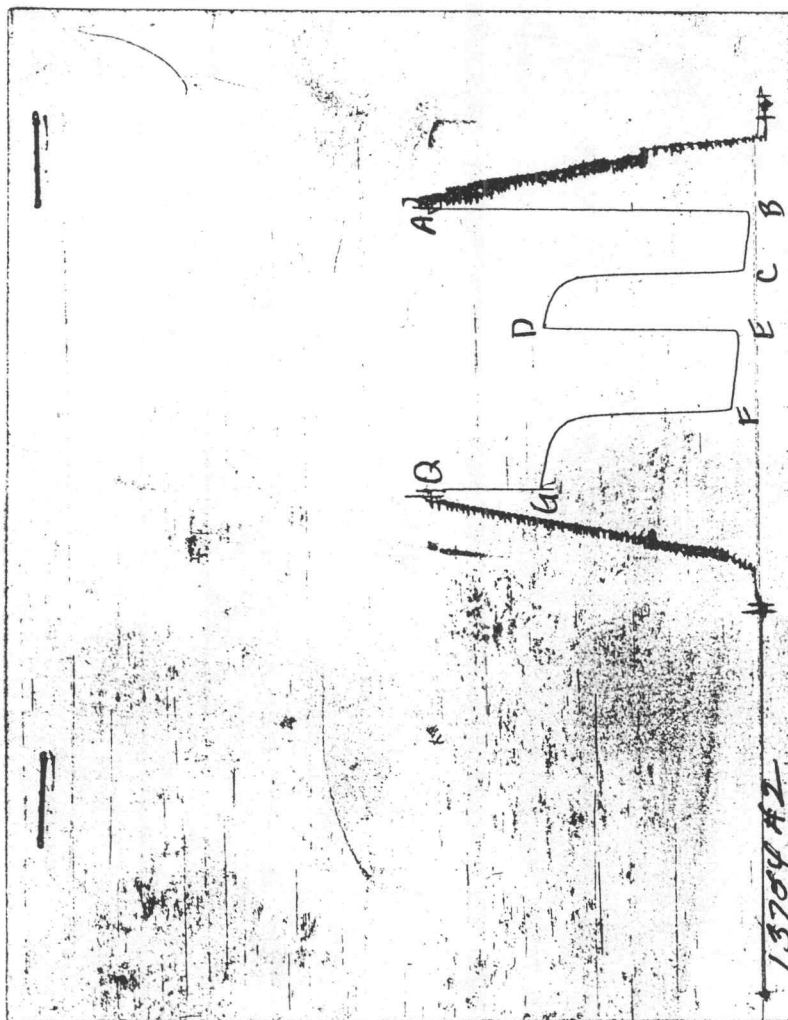


CHART PAGE



This is an actual photograph of recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TICKET #8728 DST #2 LEGLEITER # 1-10 LIBOC, INC.

DATE: 11/30/95 TIME: 10:44:33

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	78.00	1736.8	0.0	98.39		
***** Start Flow 1	0.00	33.7	0.0	98.56		
	1.00	37.8	4.1	98.76		
	2.00	40.6	6.9	98.94		
	3.00	42.2	8.5	99.08		
	4.00	44.5	10.7	99.22		
	5.00	46.0	12.3	99.32		
	6.00	47.8	14.1	99.41		
	7.00	49.5	15.8	99.48		
	8.00	50.9	17.2	99.53		
	9.00	51.8	18.0	99.59		
	10.00	53.6	19.9	99.61		
	11.00	55.0	21.3	99.65		
	12.00	56.5	22.7	99.68		
	13.00	59.3	25.6	99.71		
	14.00	59.8	26.1	99.73		
	15.00	60.8	27.1	99.75		
	16.00	62.3	28.5	99.77		
	17.00	63.4	29.7	99.80		
	18.00	63.4	29.7	99.82		
	19.00	78.1	44.4	99.83		
	20.00	67.9	34.2	99.86		
	21.00	68.5	34.7	99.88		
	22.00	78.8	45.1	99.90		
	23.00	78.0	44.2	99.92		
	24.00	72.1	38.4	99.95		
	25.00	73.0	39.3	99.97		
	26.00	73.7	39.9	100.00		
	27.00	74.8	41.0	100.02		
	28.00	75.4	41.7	100.06		
	29.00	76.2	42.5	100.08		
	30.00	77.4	43.6	100.10		
	31.00	78.4	44.6	100.14		
	32.00	79.1	45.3	100.16		
	33.00	80.1	46.3	100.18		
	34.00	81.0	47.3	100.22		
	35.00	81.7	47.9	100.24		
	36.00	82.5	48.8	100.28		
	37.00	84.0	50.3	100.31		
	38.00	84.9	51.2	100.33		
	39.00	85.8	52.0	100.36		
	40.00	86.8	53.0	100.40		
	41.00	87.5	53.8	100.43		
	42.00	88.5	54.8	100.46		
	43.00	89.4	55.6	100.50		
***** End Flow 1	44.00	90.1	56.4	100.54		
***** Start Shutin 1	0.00	90.1	0.0	100.54	0.0000	0.008
	1.00	106.8	16.7	100.56	45.0000	0.011
	2.00	231.0	140.8	100.61	23.0000	0.053
	3.00	436.1	346.0	100.65	15.6667	0.190
	4.00	660.8	570.7	100.82	12.0000	0.437

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TICKET #8728 DST #2 LEGLEITER # 1-10 LIBOC, INC.

DATE: 11/30/95 TIME: 10:44:33

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	5.00	812.7	722.6	101.15	9.8000	0.661
	6.00	893.2	803.1	101.58	8.3333	0.798
	7.00	937.6	847.5	102.02	7.2857	0.879
	8.00	966.0	875.9	102.41	6.5000	0.933
	9.00	986.2	896.1	102.76	5.8889	0.973
	10.00	1001.8	911.6	103.04	5.4000	1.004
	11.00	1014.4	924.3	103.27	5.0000	1.029
	12.00	1024.8	934.6	103.45	4.6667	1.050
	13.00	1033.5	943.3	103.61	4.3846	1.068
	14.00	1041.1	951.0	103.72	4.1429	1.084
	15.00	1047.9	957.8	103.81	3.9333	1.098
	16.00	1054.0	963.8	103.88	3.7500	1.111
	17.00	1059.4	969.3	103.94	3.5882	1.122
	18.00	1064.2	974.1	103.98	3.4444	1.133
	19.00	1068.6	978.4	104.02	3.3158	1.142
	20.00	1072.5	982.4	104.04	3.2000	1.150
	21.00	1076.1	986.0	104.07	3.0952	1.158
	22.00	1079.6	989.4	104.08	3.0000	1.165
	23.00	1082.6	992.4	104.08	2.9130	1.172
	24.00	1085.7	995.6	104.09	2.8333	1.179
	25.00	1088.5	998.4	104.09	2.7600	1.185
	26.00	1091.1	1000.9	104.10	2.6923	1.190
	27.00	1093.2	1003.1	104.10	2.6296	1.195
	28.00	1095.6	1005.5	104.10	2.5714	1.200
	29.00	1097.8	1007.6	104.10	2.5172	1.205
	30.00	1099.8	1009.7	104.09	2.4667	1.210
	31.00	1101.6	1011.5	104.10	2.4194	1.214
	32.00	1103.4	1013.3	104.10	2.3750	1.217
	33.00	1105.0	1014.9	104.09	2.3333	1.221
	34.00	1106.5	1016.4	104.10	2.2941	1.224
	35.00	1107.9	1017.8	104.10	2.2571	1.227
	36.00	1109.3	1019.1	104.09	2.2222	1.230
	37.00	1110.6	1020.5	104.09	2.1892	1.233
	38.00	1112.0	1021.8	104.09	2.1579	1.236
	39.00	1113.1	1023.0	104.10	2.1282	1.239
	40.00	1114.4	1024.3	104.10	2.1000	1.242
	41.00	1115.4	1025.3	104.10	2.0732	1.244
	42.00	1116.5	1026.4	104.11	2.0476	1.247
	43.00	1117.6	1027.4	104.12	2.0233	1.249
	44.00	1118.6	1028.5	104.10	2.0000	1.251
***** End Shut-in 1	45.00	1119.5	1029.4	104.12	1.9778	1.253
***** Start Flow 2	0.00	95.8	0.0	104.08		
	1.00	95.6	-0.3	104.06		
	2.00	96.6	0.8	104.03		
	3.00	97.6	1.8	104.01		
	4.00	98.8	2.9	104.00		
	5.00	99.7	3.9	103.99		
	6.00	100.8	5.0	103.98		
	7.00	101.7	5.9	103.99		
	8.00	103.0	7.1	103.99		
	9.00	103.8	8.0	103.99		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TICKET #8728 DST #2 LEGLEITER # 1-10 LIBOC, INC.

DATE: 11/30/95 TIME: 10:44:33

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
10.00	105.0	9.1	104.00		
11.00	106.2	10.3	104.01		
12.00	107.1	11.2	104.02		
13.00	108.1	12.3	104.03		
14.00	109.1	13.3	104.04		
15.00	110.2	14.4	104.05		
16.00	111.4	15.6	104.06		
17.00	112.5	16.6	104.07		
18.00	113.3	17.5	104.08		
19.00	114.1	18.3	104.10		
20.00	115.2	19.4	104.11		
21.00	116.1	20.2	104.13		
22.00	117.1	21.2	104.14		
23.00	118.1	22.2	104.15		
24.00	119.1	23.2	104.17		
25.00	120.2	24.3	104.18		
26.00	121.2	25.3	104.20		
27.00	122.0	26.2	104.22		
28.00	123.1	27.3	104.23		
29.00	124.1	28.3	104.25		
30.00	125.0	29.2	104.28		
31.00	126.3	30.5	104.30		
32.00	127.1	31.3	104.31		
33.00	128.3	32.5	104.34		
34.00	129.2	33.4	104.37		
35.00	130.2	34.3	104.42		
36.00	131.1	35.2	104.48		
37.00	132.1	36.3	104.55		
38.00	132.8	36.9	104.61		
39.00	133.6	37.8	104.67		
40.00	134.3	38.4	104.72		
41.00	134.9	39.1	104.77		
42.00	135.7	39.9	104.81		
43.00	136.7	40.9	104.85		
44.00	137.5	41.6	104.90		
45.00	138.4	42.6	104.93		
46.00	139.2	43.4	104.96		
47.00	140.3	44.5	105.00		
48.00	141.3	45.5	105.02		
49.00	142.2	46.3	105.05		
50.00	142.8	47.0	105.07		
51.00	143.6	47.8	105.10		
52.00	144.4	48.6	105.12		
53.00	145.3	49.4	105.14		
54.00	146.1	50.3	105.17		
55.00	146.9	51.0	105.20		
56.00	147.7	51.9	105.24		
57.00	148.5	52.6	105.27		
58.00	149.3	53.5	105.33		
59.00	150.1	54.2	105.37		

***** End Flow 2

***** Start Shutin 2 0.00 150.1 0.0 105.37 0.0000 0.023

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TICKET #8728 DST #2 LEGLEITER # 1-10 LIBOC, INC.

DATE: 11/30/95 TIME: 10:44:33

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
1.00	192.1	42.0	105.42	104.0000	0.037
2.00	343.5	193.5	105.47	52.5000	0.118
3.00	532.6	382.5	105.53	35.3333	0.284
4.00	701.7	551.7	105.60	26.7500	0.492
5.00	817.3	667.2	105.67	21.6000	0.668
6.00	887.4	737.3	105.74	18.1667	0.787
7.00	930.4	780.4	105.81	15.7143	0.866
8.00	958.9	808.8	105.86	13.8750	0.919
9.00	979.6	829.5	105.91	12.4444	0.960
10.00	995.5	845.4	105.96	11.3000	0.991
11.00	1008.2	858.2	106.02	10.3636	1.017
12.00	1018.7	868.7	106.06	9.5833	1.038
13.00	1027.4	877.4	106.09	8.9231	1.056
14.00	1035.2	885.1	106.13	8.3571	1.072
15.00	1041.9	891.8	106.14	7.8667	1.085
16.00	1047.8	897.8	106.19	7.4375	1.098
17.00	1053.2	903.1	106.22	7.0588	1.109
18.00	1058.0	907.9	106.24	6.7222	1.119
19.00	1062.3	912.3	106.27	6.4211	1.129
20.00	1066.3	916.2	106.30	6.1500	1.137
21.00	1069.9	919.8	106.32	5.9048	1.145
22.00	1073.3	923.2	106.35	5.6818	1.152
23.00	1076.4	926.4	106.36	5.4783	1.159
24.00	1079.3	929.2	106.38	5.2917	1.165
25.00	1082.1	932.0	106.39	5.1200	1.171
26.00	1084.6	934.5	106.41	4.9615	1.176
27.00	1087.0	937.0	106.41	4.8148	1.182
28.00	1089.2	939.2	106.42	4.6786	1.186
29.00	1091.3	941.3	106.43	4.5517	1.191
30.00	1093.2	943.2	106.44	4.4333	1.195
31.00	1095.2	945.1	106.45	4.3226	1.199
32.00	1096.9	946.9	106.45	4.2188	1.203
33.00	1098.6	948.6	106.46	4.1212	1.207
34.00	1100.2	950.1	106.46	4.0294	1.210
35.00	1101.8	951.7	106.47	3.9429	1.214
36.00	1103.2	953.2	106.48	3.8611	1.217
37.00	1104.6	954.5	106.48	3.7838	1.220
38.00	1105.9	955.9	106.48	3.7105	1.223
39.00	1107.3	957.2	106.50	3.6410	1.226
40.00	1108.4	958.4	106.49	3.5750	1.229
41.00	1109.6	959.5	106.49	3.5122	1.231
42.00	1110.7	960.6	106.50	3.4524	1.234
43.00	1111.8	961.7	106.50	3.3953	1.236
44.00	1112.7	962.7	106.50	3.3409	1.238
45.00	1113.7	963.7	106.51	3.2889	1.240
46.00	1114.7	964.7	106.51	3.2391	1.243
47.00	1115.5	965.4	106.50	3.1915	1.244
48.00	1116.3	966.3	106.52	3.1458	1.246
49.00	1117.2	967.2	106.52	3.1020	1.248
50.00	1118.0	967.9	106.52	3.0600	1.250
51.00	1118.8	968.8	106.52	3.0196	1.252

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TICKET #8728 DST #2 LEGLEITER # 1-10 LIBOC, INC.

DATE: 11/30/95 TIME: 10:44:33

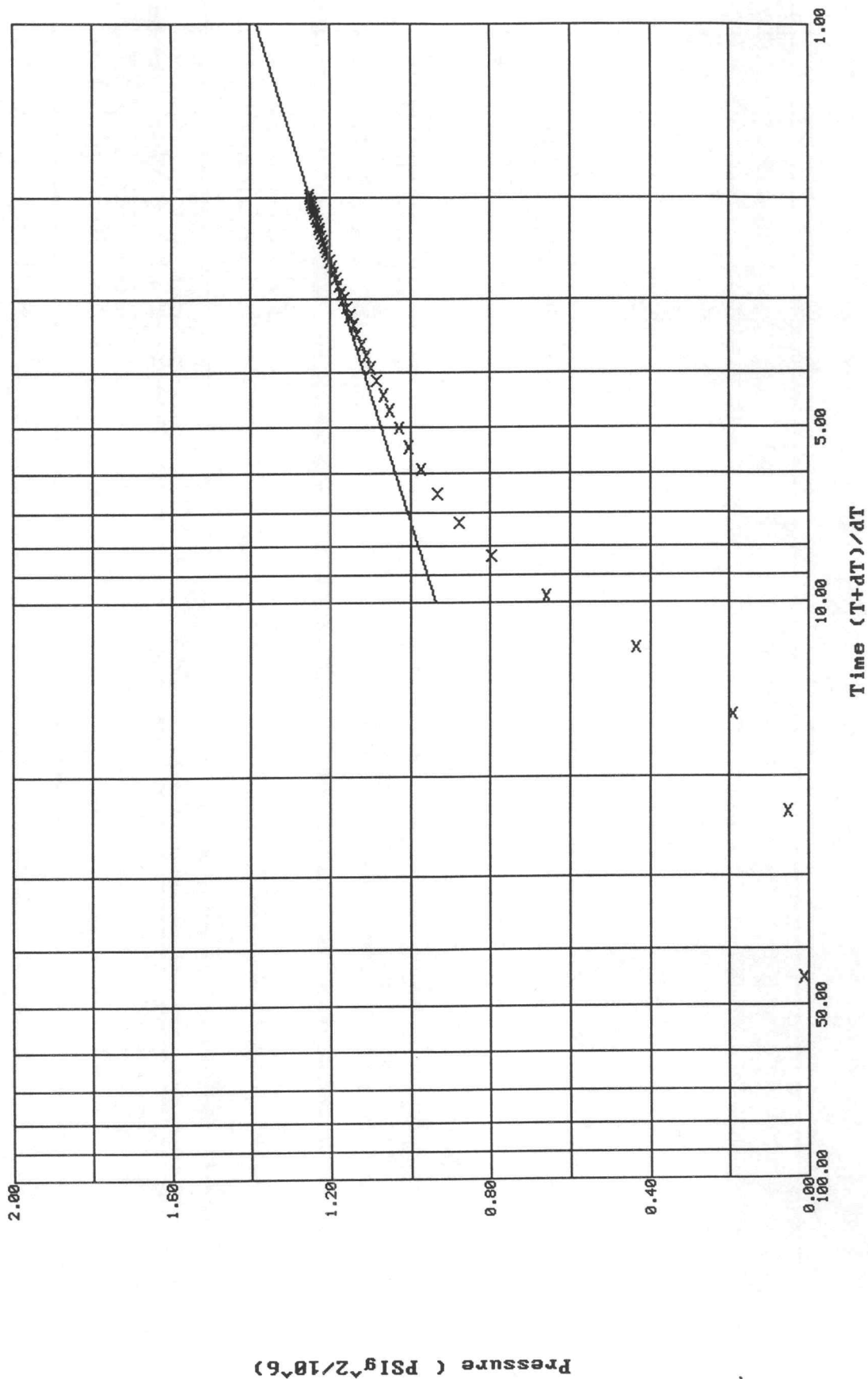
	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	52.00	1119.5	969.5	106.52	2.9808	1.253
	53.00	1120.2	970.1	106.52	2.9434	1.255
	54.00	1121.0	971.0	106.52	2.9074	1.257
	55.00	1121.7	971.6	106.51	2.8727	1.258
	56.00	1122.4	972.3	106.52	2.8393	1.260
	57.00	1123.0	973.0	106.53	2.8070	1.261
	58.00	1123.5	973.5	106.53	2.7759	1.262
	59.00	1124.1	974.1	106.53	2.7458	1.264
***** End Shut-in 2	60.00	1124.8	974.7	106.53	2.7167	1.265
***** Final Hydro.	290.00	1691.5	0.0	106.55		

P² Horner Plot: shut-in #1

TICKET #8728 DST #2 LEGLEITER # 1-10 LIBOC, INC.

Slope: 0.4505 $\text{PSig}^2/10^6/\text{cycle}$

Ext. Pressure: 1177.6305 PSig

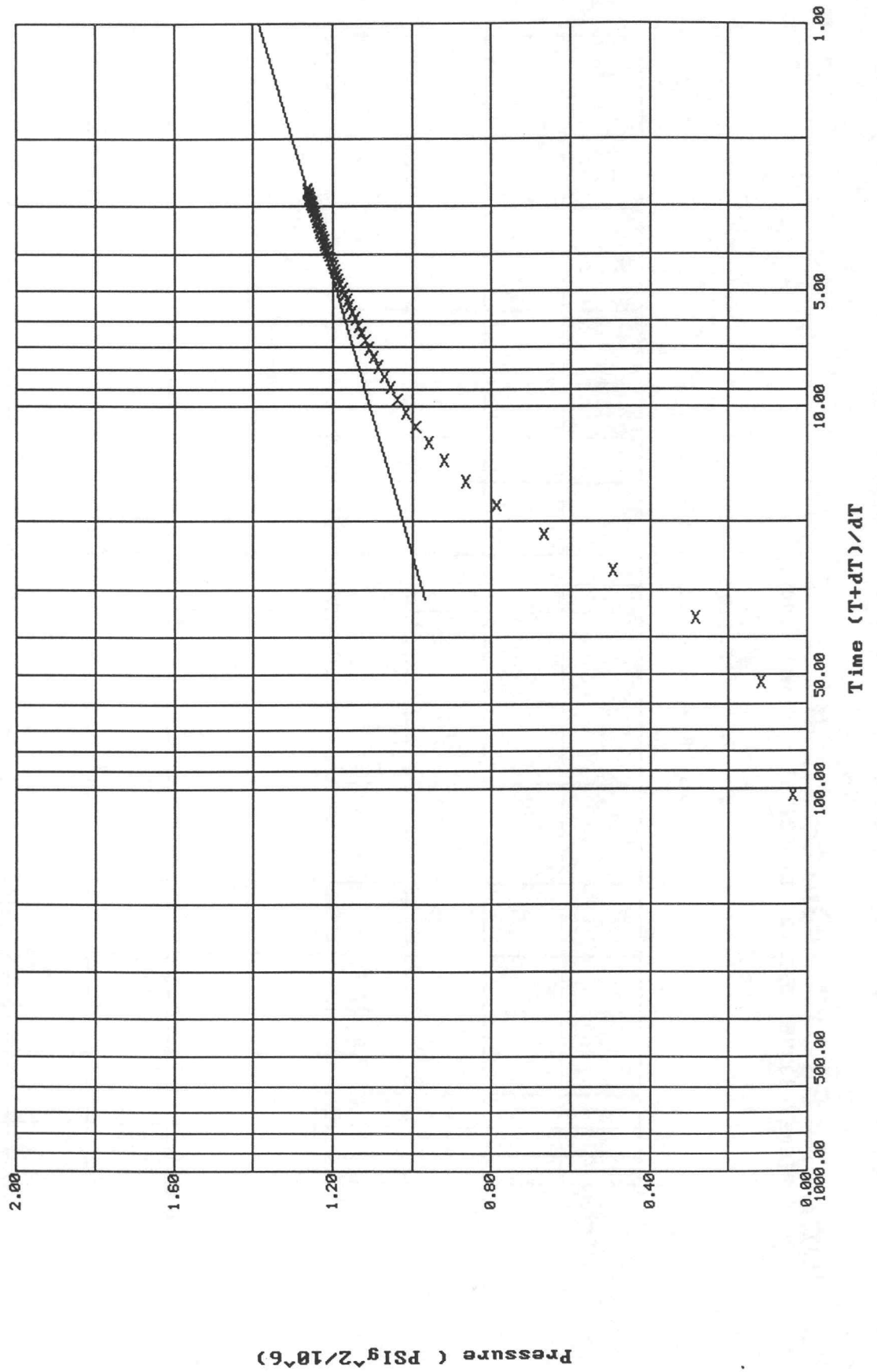


P² Horner Plot: shut-in #2

TICKET #8728 DST #2 LEGLEITER # 1-10 LIBOC, INC.

Slope: 0.2888 PSig²/10⁶/cycle

Ext. Pressure: 1177.5259 PSig

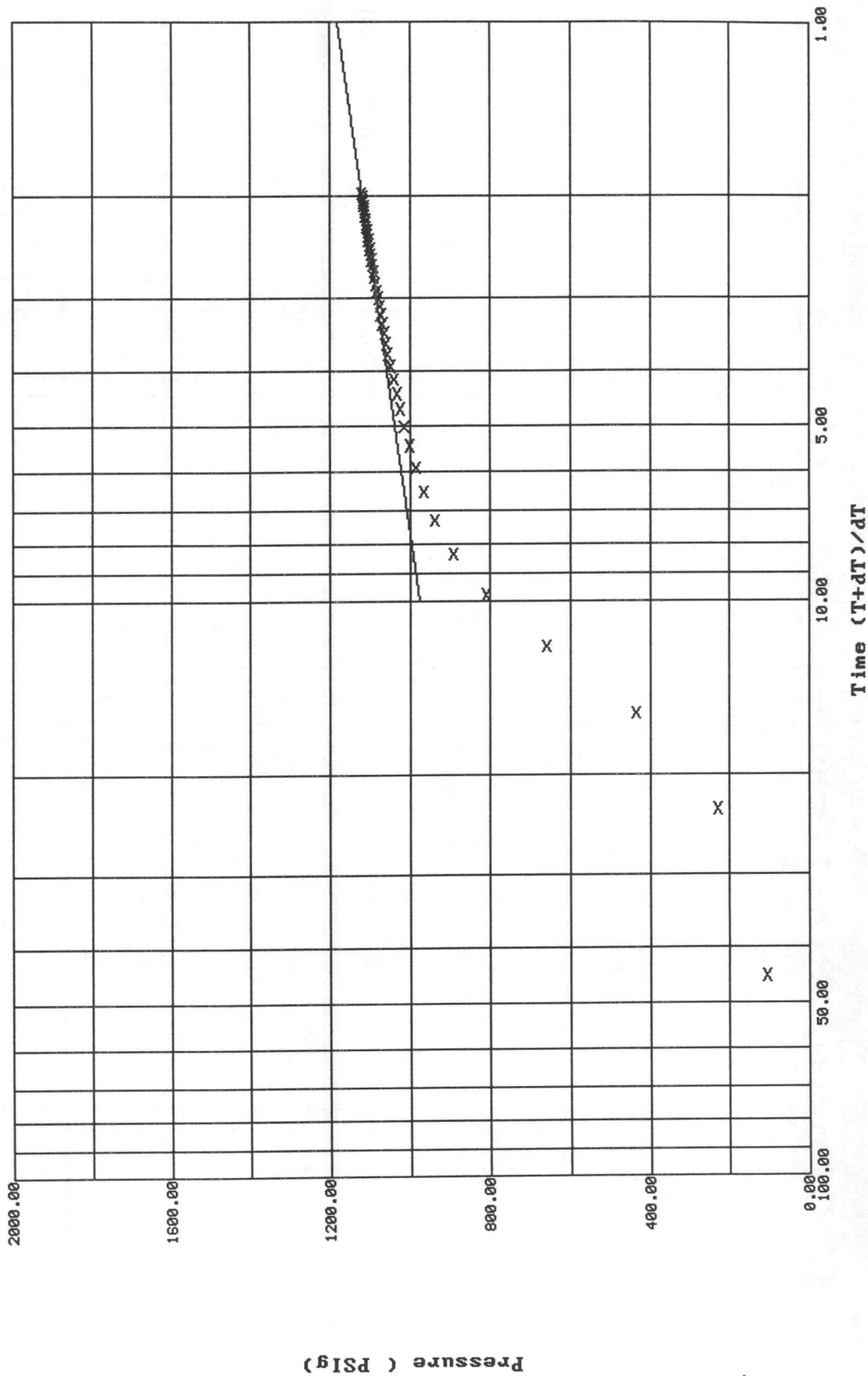


Horner Plot: shut-in #1

TICKET #8728 DST #2 LEGLEITER # 1-10 LIBOC, INC.

Slope: 202.1100 PSig/cycle

Ext. Pressure: 1179.4124 PSig

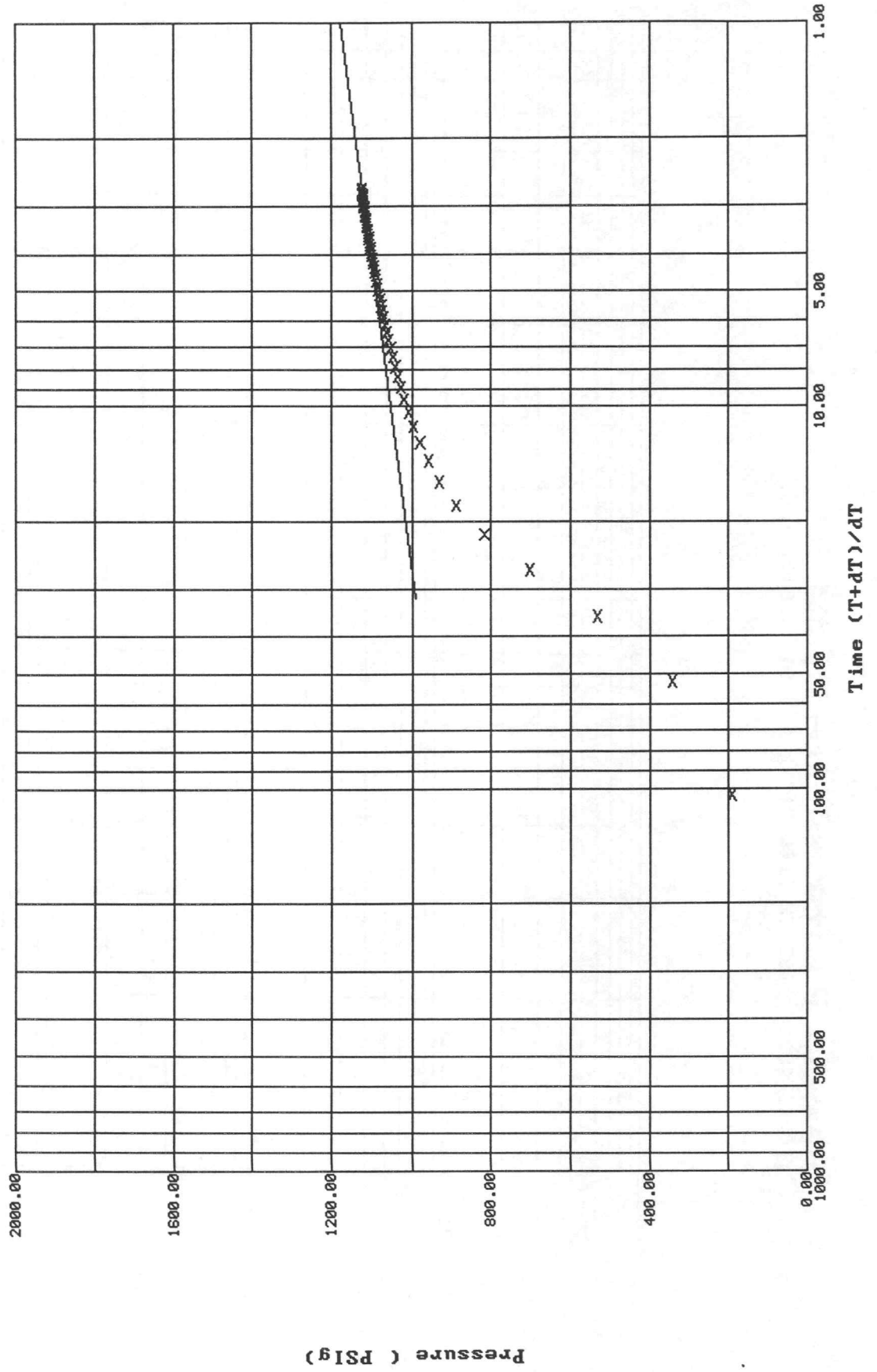


Horner Plot: shut-in #2

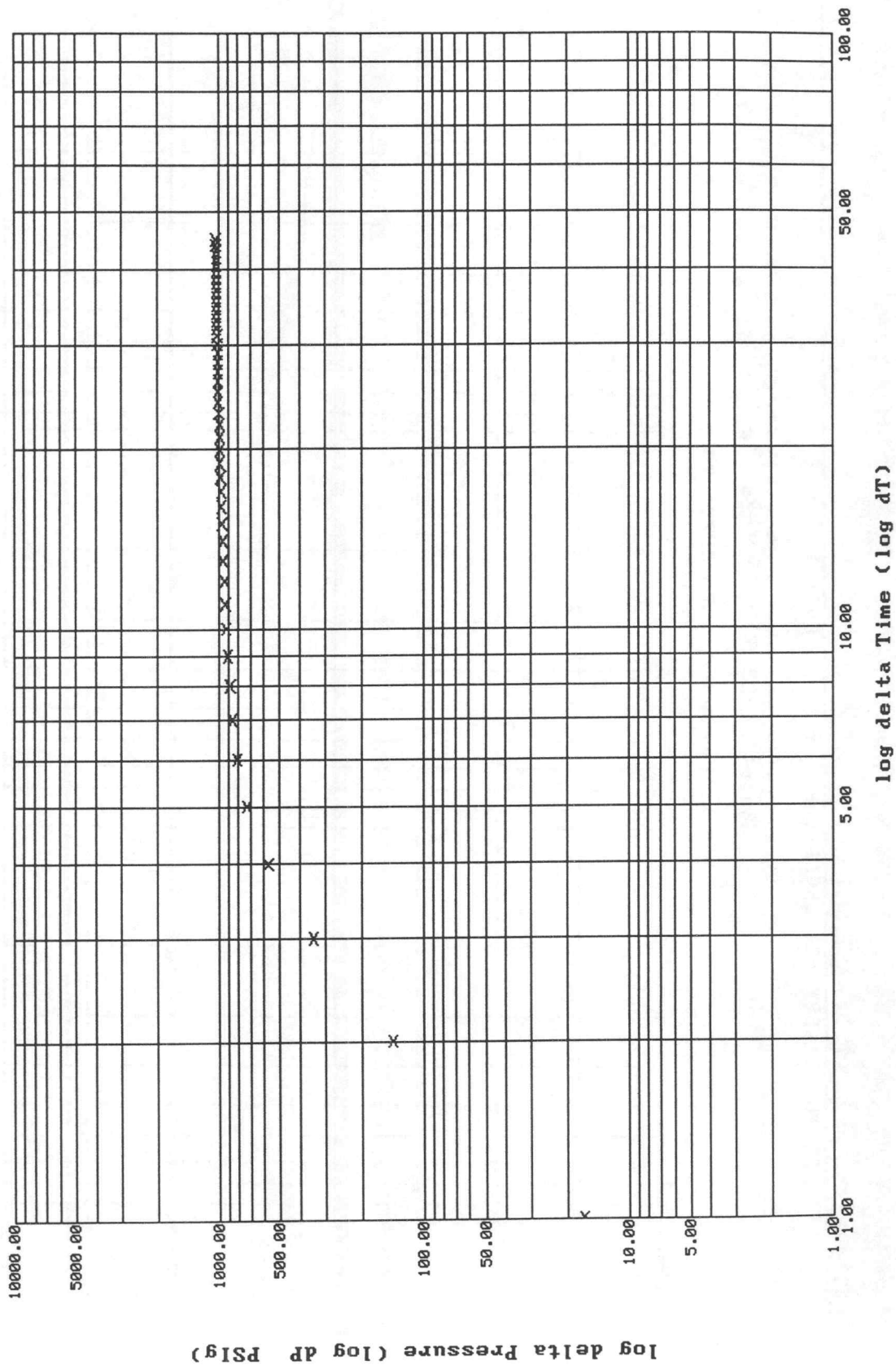
TICKET #8728 DST #2 LEGLEITER # 1-10 LIBOC, INC.

Slope: 123.6394 PSig/cycle

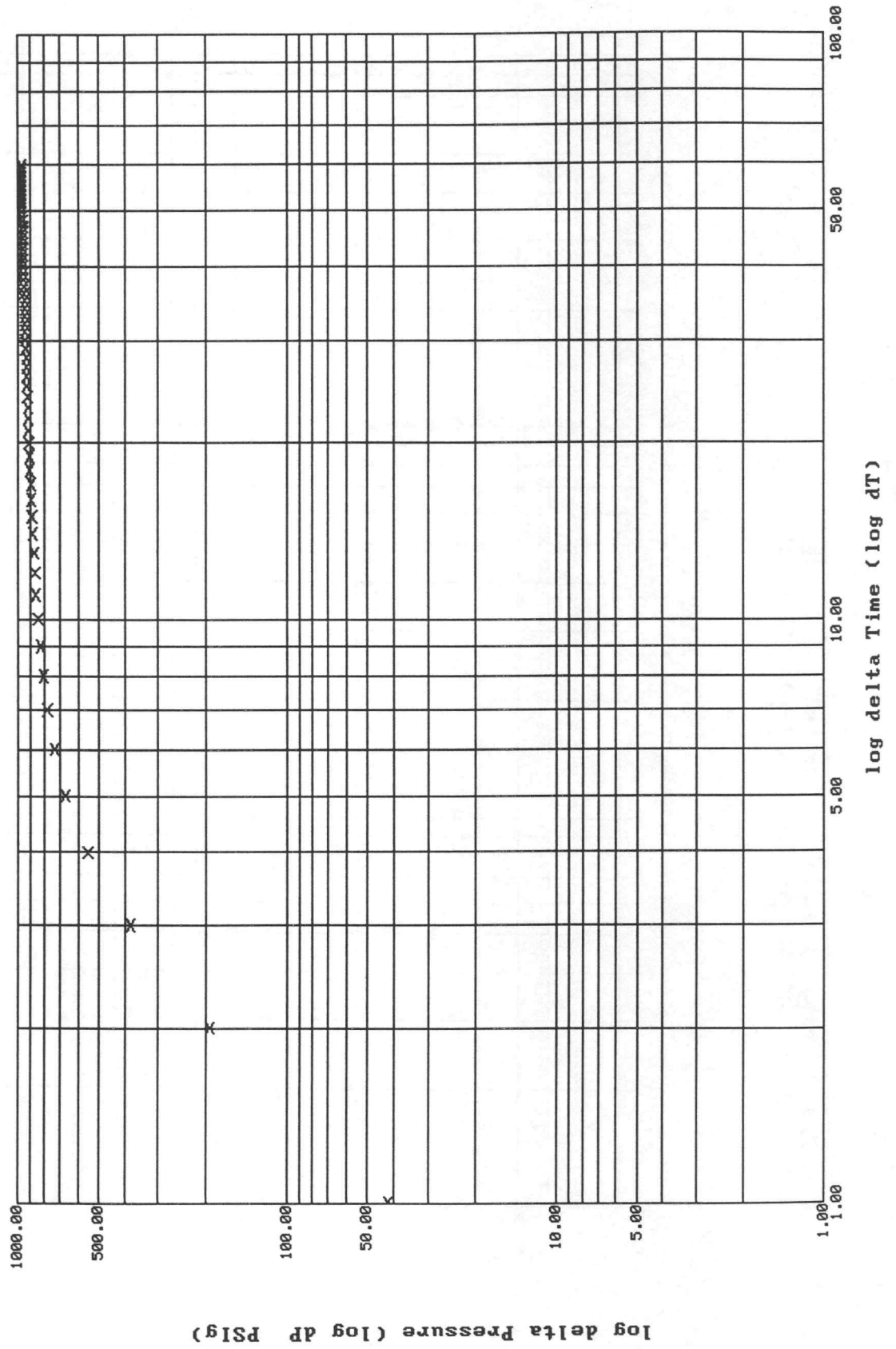
Ext. Pressure: 1178.4020 PSig



Ramey Plot: shut-in #1 TICKET #8728 DST #2 LEGLEITER # 1-10 LIBOC, INC.

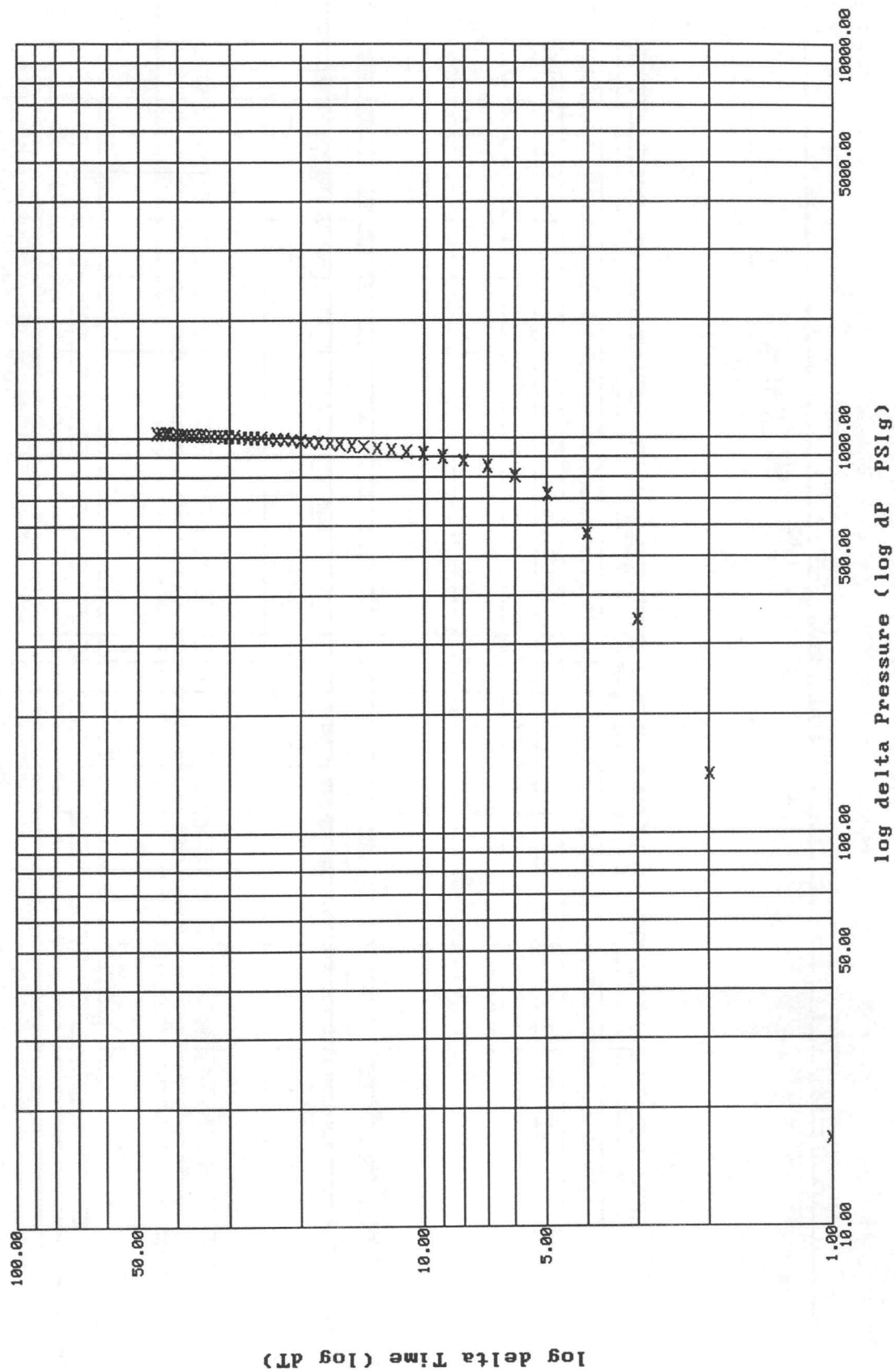


Ramey Plot: shut-in #2 **TICKET #8728 DST #2 LEGLEITER # 1-10 LIBOC, INC.**



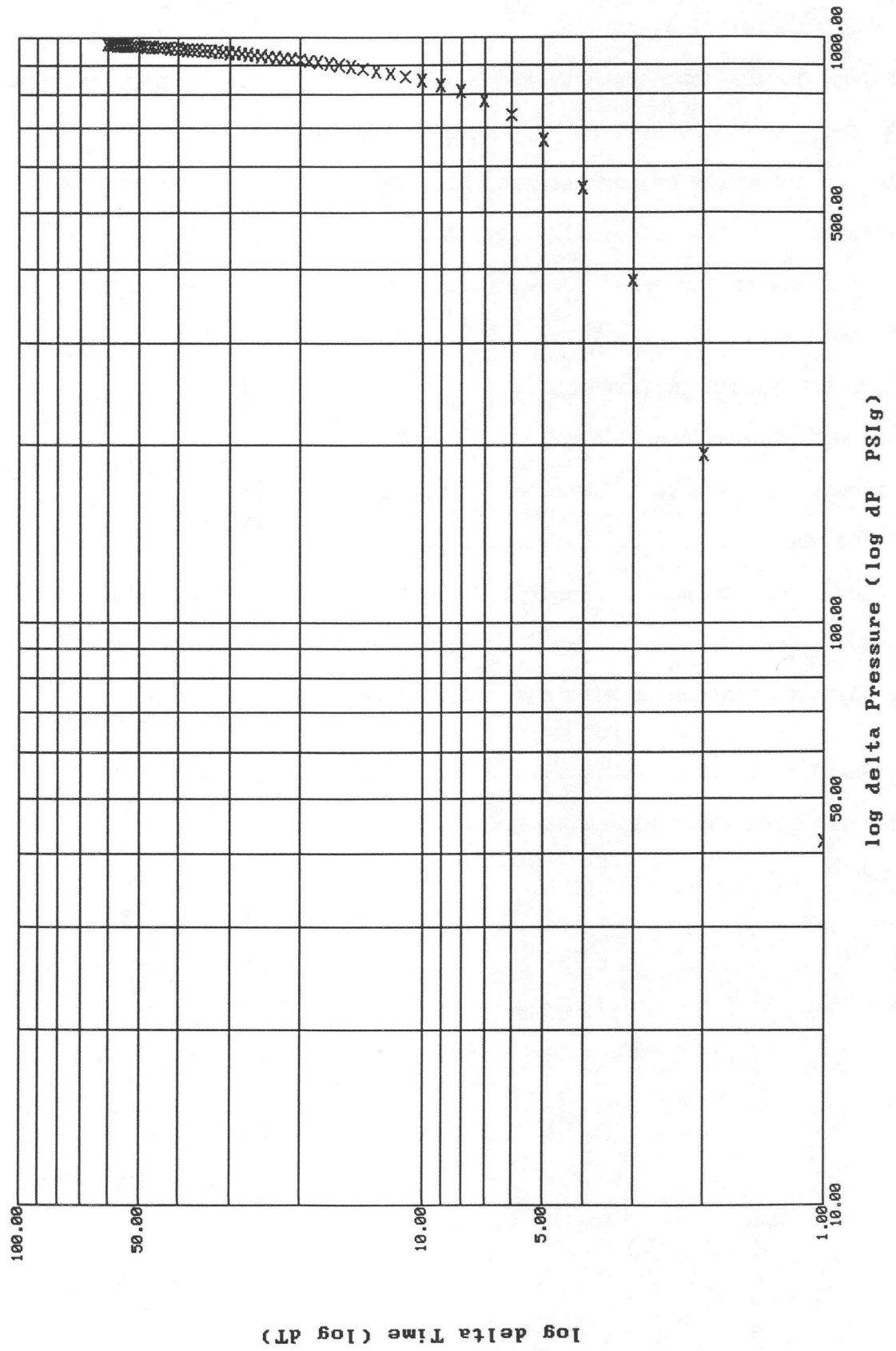
McKinley Plot: shut-in #1

TICKET #8728 DST #2 LEGLEITER # 1-10 LIBOC, INC.



McKinley Plot: shut-in #2

TICKET #8728 DST #2 LEGLEITER # 1-10 LIBOC, INC.



P.O. SUB	3290
C.O. SUB	3410
S.I. TOOL STERLING	3416
HMV H&T	3418
JARS SUTLIF	3423
SAFETY JOINT BOWEN	3426
PACKER	3430
PACKER	3435
DEPTH 3435	
STUBB 1'	3436
ANCHOR 1'PERFS	3437
1'CO	3438
ALPINE RECORDER	3439
1 STD DP 62'	3500
1'CO	3501
5' PERFS	3506
T.C.	
DEPTH	
4' PERFS	3510
AK-1 RECORDER	3512
BULLNOSE 5' BULLPLUG	
T.D.	3515

REMARKS:

TRILOBITE TESTING L.L.C.

OPERATOR : LIBOC, INC.

WELL NAME: LEGLEITER #1-10

LOCATION : 10-16-18

INTERVAL : 3435.00 To 3519.00 ft

DATE 12-1-95

KB 1940.00 ft

GR 1931.00 ft

TD 3519.00 ft

TICKET NO: 8729

FORMATION: SAND

TEST TYPE: CONV

DST #3

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 45	Rec.	13754	13754	2342			PF Fr. 1005 to 1050 hr
SI 45	Range(Psi)	4000.0	4000.0	4995.0	0.0	0.0	IS Fr. 1050 to 1135 hr
SF 60	Clock(hrs)	AK-1	AK-1	Alpin			SF Fr. 1135 to 1235 hr
FS 60	Depth(ft)	3516.0	3516.0	3438.0	0.0	0.0	FS Fr. 1235 to 1335 hr

	Field	1	2	3	4	
A. Init Hydro	1716.0	1720.0	1721.0	0.0	0.0	T STARTED 0850 hr
B. First Flow	78.0	93.0	44.0	0.0	0.0	T ON BOTM 1000 hr
B1. Final Flow	108.0	128.0	104.0	0.0	0.0	T OPEN 1005 hr
C. In Shut-in	1086.0	1093.0	1079.0	0.0	0.0	T PULLED 1335 hr
D. Init Flow	147.0	160.0	112.0	0.0	0.0	T OUT 1500 hr
E. Final Flow	187.0	196.0	170.0	0.0	0.0	
F. Fl Shut-in	1086.0	1096.0	1088.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1686.0	1689.0	1676.0	0.0	0.0	Tool Wt. 2000.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 80000.00 lbs
						Initial Str Wt 54000.00 lbs
						Unseated Str Wt 58000.00 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 30.00 ft
						D.P. Length 3414.00 ft

RECOVERY

Tot Fluid 315.00 ft of 30.00 ft in DC and 285.00 ft in DP
315.00 ft of DRILLING MUD w/ OIL SPOTS

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

BLOW DESCRIPTION

IF-

WEAK-BUILDING TO 10" FAIR BLOW.

FF-

WEAK-BUILDING TO 4" FAIR BLOW

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	CHEM
Weight	9.40 lb/cf
Vis.	58.00 S/L
W.L.	9.60 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	107.00 F
Hole Condition	GOOD
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	DAN BANGLE
Co. Rep.	JEFF ZOLLER
Contr.	DUKE
Rig #	4
Unit #	
Pump T.	

Test Successful: Y

TEST HISTORY

TICKET #8729 DST #3 LEGLEITER #1-10 LIBOC, INC.

Flag Points

t (Min.) P (PSig)

A: 0.00 1721.10
 B: 0.00 44.14
 C: 45.00 104.73
 D: 45.00 1079.39
 E: 0.00 112.37
 F: 59.00 170.45
 G: 61.00 1088.70
 H: 0.00 1676.87

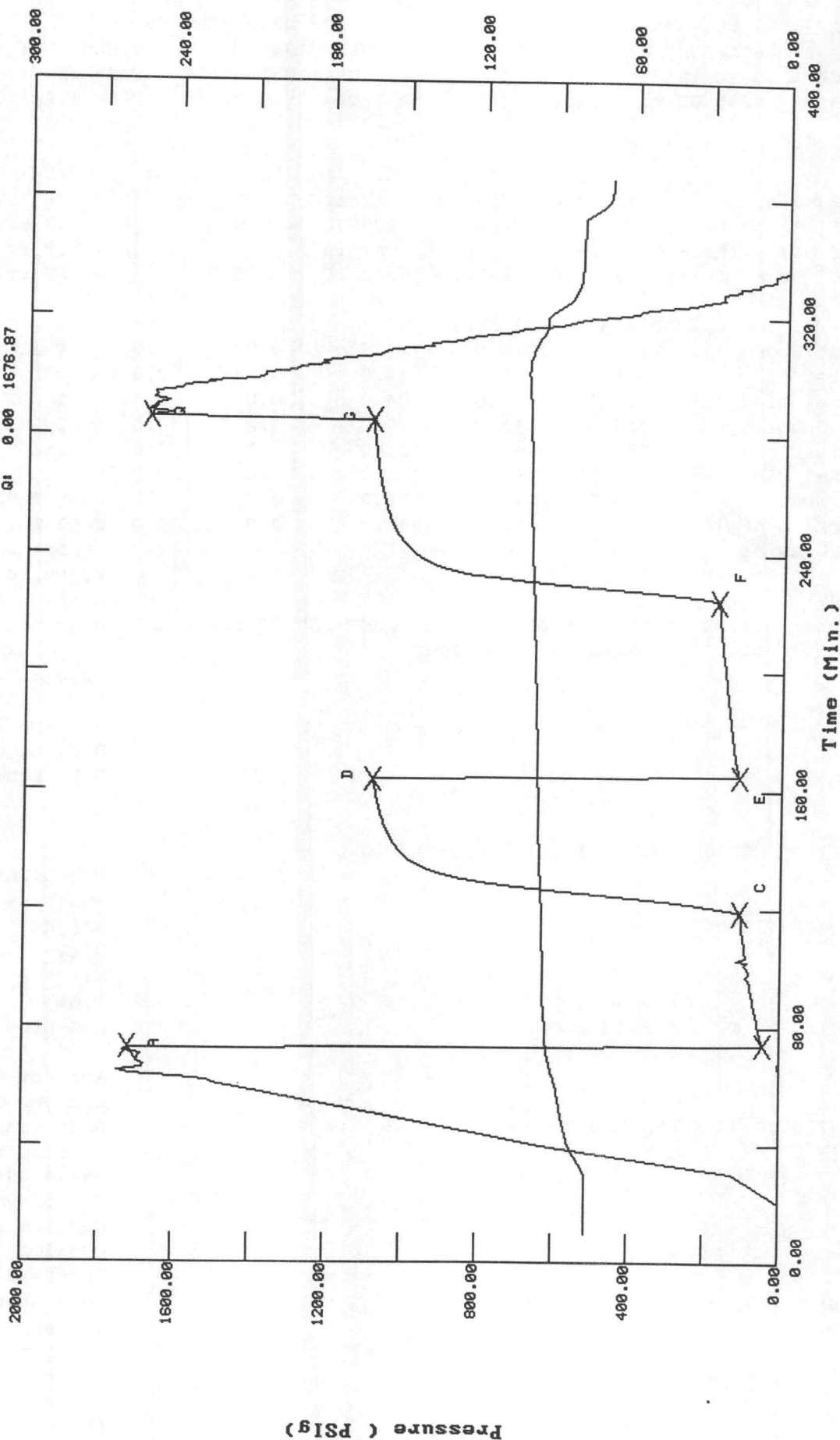
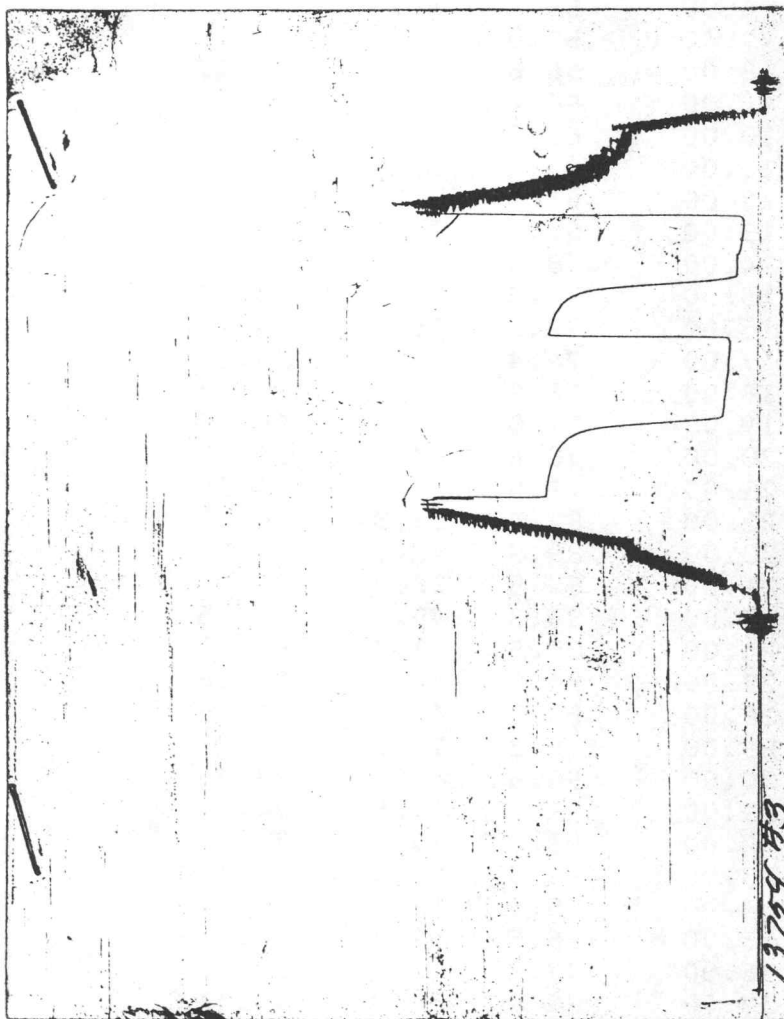


CHART PAGE



This is an actual photograph of recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TICKET #8729 DST #3 LEGLEITER #1-10 LIBOC, INC.

DATE: 11/30/95 TIME: 21:49:16

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	73.00	1721.1	0.0	92.44		
***** Start Flow 1	0.00	44.1	0.0	92.52		
	1.00	45.2	1.1	92.63		
	2.00	47.4	3.3	92.72		
	3.00	49.2	5.0	92.80		
	4.00	51.4	7.2	92.87		
	5.00	53.5	9.3	92.94		
	6.00	55.3	11.2	93.01		
	7.00	57.0	12.8	93.08		
	8.00	58.6	14.4	93.17		
	9.00	60.4	16.3	93.28		
	10.00	62.2	18.0	93.40		
	11.00	63.8	19.6	93.50		
	12.00	65.4	21.2	93.60		
	13.00	66.9	22.7	93.69		
	14.00	68.8	24.7	93.79		
	15.00	70.5	26.4	93.90		
	16.00	72.3	28.2	94.04		
	17.00	74.4	30.2	94.18		
	18.00	76.0	31.9	94.28		
	19.00	77.0	32.9	94.34		
	20.00	78.4	34.2	94.37		
	21.00	79.5	35.3	94.38		
	22.00	82.4	38.3	94.37		
	23.00	89.9	45.7	94.36		
	24.00	82.5	38.4	94.35		
	25.00	84.3	40.2	94.35		
	26.00	85.5	41.4	94.35		
	27.00	94.3	50.2	94.35		
	28.00	88.0	43.9	94.35		
	29.00	116.3	72.2	94.35		
	30.00	90.5	46.3	94.36		
	31.00	91.9	47.8	94.37		
	32.00	93.8	49.7	94.39		
	33.00	94.9	50.8	94.41		
	34.00	95.5	51.4	94.44		
	35.00	96.5	52.4	94.46		
	36.00	97.8	53.6	94.49		
	37.00	98.4	54.2	94.51		
	38.00	99.4	55.2	94.55		
	39.00	100.9	56.7	94.58		
	40.00	101.7	57.6	94.61		
	41.00	101.9	57.7	94.64		
	42.00	102.4	58.2	94.68		
	43.00	103.5	59.3	94.72		
	44.00	104.1	59.9	94.76		
***** End Flow 1	45.00	104.7	60.6	94.80		
***** Start Shutin 1	0.00	104.7	0.0	94.80	0.0000	0.011
	1.00	140.1	35.3	94.84	46.0000	0.020
	2.00	188.7	83.9	94.89	23.5000	0.036
	3.00	241.8	137.1	94.94	16.0000	0.058

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TICKET #8729 DST #3 LEGLEITER #1-10 LIBOC, INC.

DATE: 11/30/95

TIME: 21:49:16

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
4.00	311.9	207.1	95.00	12.2500	0.097
5.00	394.5	289.8	95.05	10.0000	0.156
6.00	484.8	380.0	95.12	8.5000	0.235
7.00	575.7	470.9	95.19	7.4286	0.331
8.00	660.5	555.8	95.25	6.6250	0.436
9.00	734.5	629.8	95.32	6.0000	0.540
10.00	795.5	690.7	95.38	5.5000	0.633
11.00	843.5	738.8	95.45	5.0909	0.712
12.00	880.7	776.0	95.52	4.7500	0.776
13.00	909.6	804.9	95.60	4.4615	0.827
14.00	932.3	827.5	95.65	4.2143	0.869
15.00	950.0	845.2	95.71	4.0000	0.902
16.00	965.0	860.3	95.78	3.8125	0.931
17.00	977.3	872.6	95.84	3.6471	0.955
18.00	987.7	883.0	95.89	3.5000	0.976
19.00	996.7	892.0	95.95	3.3684	0.993
20.00	1004.5	899.8	96.01	3.2500	1.009
21.00	1011.5	906.8	96.06	3.1429	1.023
22.00	1017.6	912.9	96.11	3.0455	1.036
23.00	1023.2	918.4	96.15	2.9565	1.047
24.00	1028.0	923.3	96.20	2.8750	1.057
25.00	1032.6	927.9	96.24	2.8000	1.066
26.00	1036.9	932.2	96.29	2.7308	1.075
27.00	1040.8	936.0	96.33	2.6667	1.083
28.00	1044.4	939.7	96.37	2.6071	1.091
29.00	1047.7	942.9	96.40	2.5517	1.098
30.00	1050.7	946.0	96.45	2.5000	1.104
31.00	1053.5	948.7	96.48	2.4516	1.110
32.00	1056.1	951.4	96.52	2.4062	1.115
33.00	1058.7	953.9	96.55	2.3636	1.121
34.00	1060.8	956.1	96.57	2.3235	1.125
35.00	1063.1	958.4	96.61	2.2857	1.130
36.00	1065.1	960.4	96.63	2.2500	1.134
37.00	1067.0	962.2	96.67	2.2162	1.138
38.00	1068.9	964.2	96.70	2.1842	1.143
39.00	1070.6	965.8	96.72	2.1538	1.146
40.00	1072.3	967.5	96.74	2.1250	1.150
41.00	1073.8	969.0	96.77	2.0976	1.153
42.00	1075.3	970.5	96.79	2.0714	1.156
43.00	1076.7	972.0	96.81	2.0465	1.159
44.00	1078.0	973.3	96.84	2.0227	1.162
45.00	1079.4	974.7	96.87	2.0000	1.165
***** End Shut-in 1					
***** Start Flow 2					
0.00	112.4	0.0	96.86		
1.00	113.1	0.8	96.88		
2.00	114.8	2.4	96.90		
3.00	116.4	4.0	96.93		
4.00	117.5	5.1	96.96		
5.00	119.1	6.7	97.00		
6.00	120.7	8.3	97.04		
7.00	122.1	9.7	97.09		
8.00	123.4	11.1	97.12		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TICKET #8729 DST #3 LEGLEITER #1-10 LIBOC, INC.

DATE: 11/30/95 TIME: 21:49:16

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
9.00	125.0	12.6	97.16		
10.00	126.1	13.7	97.20		
11.00	127.2	14.9	97.23		
12.00	128.3	15.9	97.26		
13.00	129.2	16.8	97.29		
14.00	130.2	17.9	97.31		
15.00	131.3	18.9	97.35		
16.00	132.3	19.9	97.38		
17.00	133.2	20.8	97.41		
18.00	134.3	21.9	97.45		
19.00	135.1	22.7	97.47		
20.00	136.3	23.9	97.51		
21.00	137.2	24.8	97.55		
22.00	138.2	25.8	97.58		
23.00	139.1	26.8	97.62		
24.00	140.2	27.8	97.65		
25.00	141.6	29.2	97.68		
26.00	142.5	30.1	97.72		
27.00	143.4	31.1	97.76		
28.00	144.2	31.8	97.80		
29.00	145.1	32.7	97.84		
30.00	145.9	33.5	97.88		
31.00	146.6	34.2	97.94		
32.00	147.3	34.9	98.00		
33.00	148.1	35.8	98.05		
34.00	149.0	36.7	98.11		
35.00	149.9	37.5	98.16		
36.00	150.9	38.5	98.20		
37.00	151.6	39.3	98.24		
38.00	152.6	40.2	98.28		
39.00	153.4	41.0	98.31		
40.00	154.8	42.4	98.36		
41.00	155.8	43.5	98.39		
42.00	156.7	44.3	98.43		
43.00	157.4	45.1	98.46		
44.00	158.3	45.9	98.50		
45.00	159.1	46.7	98.53		
46.00	160.0	47.6	98.57		
47.00	160.7	48.3	98.61		
48.00	161.5	49.1	98.64		
49.00	162.1	49.8	98.68		
50.00	163.0	50.6	98.71		
51.00	163.8	51.4	98.75		
52.00	164.7	52.3	98.79		
53.00	165.3	53.0	98.83		
54.00	166.2	53.8	98.87		
55.00	166.9	54.6	98.90		
56.00	167.6	55.2	98.94		
57.00	168.6	56.2	98.97		
58.00	169.7	57.3	99.02		
59.00	170.4	58.1	99.05		

***** End Flow 2

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
 TEST: TICKET #8729 DST #3 LEGLEITER #1-10 LIBOC, INC.
 DATE: 11/30/95 TIME: 21:49:16

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Start Shutin 2	0.00	170.4	0.0	99.05	0.0000	0.029
	1.00	194.5	24.0	99.09	105.0000	0.038
	2.00	266.6	96.2	99.13	53.0000	0.071
	3.00	354.9	184.5	99.19	35.6667	0.126
	4.00	450.6	280.2	99.25	27.0000	0.203
	5.00	545.0	374.6	99.33	21.8000	0.297
	6.00	631.8	461.4	99.40	18.3333	0.399
	7.00	707.5	537.1	99.47	15.8571	0.501
	8.00	770.1	599.7	99.53	14.0000	0.593
	9.00	820.3	649.9	99.59	12.5556	0.673
	10.00	859.7	689.3	99.66	11.4000	0.739
	11.00	890.8	720.4	99.72	10.4545	0.794
	12.00	915.3	744.9	99.79	9.6667	0.838
	13.00	934.8	764.3	99.85	9.0000	0.874
	14.00	950.9	780.4	99.90	8.4286	0.904
	15.00	964.2	793.8	99.95	7.9333	0.930
	16.00	975.4	805.0	100.0	7.5000	0.951
	17.00	985.1	814.7	100.04	7.1176	0.970
	18.00	993.5	823.1	100.09	6.7778	0.987
	19.00	1001.0	830.5	100.13	6.4737	1.002
	20.00	1007.5	837.1	100.16	6.2000	1.015
	21.00	1013.4	843.0	100.20	5.9524	1.027
	22.00	1018.8	848.3	100.24	5.7273	1.038
	23.00	1023.6	853.1	100.27	5.5217	1.048
	24.00	1027.9	857.5	100.33	5.3333	1.057
	25.00	1031.9	861.4	100.36	5.1600	1.065
	26.00	1035.6	865.1	100.41	5.0000	1.072
	27.00	1039.0	868.6	100.45	4.8519	1.080
	28.00	1042.1	871.7	100.48	4.7143	1.086
	29.00	1045.1	874.6	100.51	4.5862	1.092
	30.00	1047.7	877.3	100.55	4.4667	1.098
	31.00	1050.3	879.9	100.58	4.3548	1.103
	32.00	1052.7	882.2	100.60	4.2500	1.108
	33.00	1054.9	884.4	100.62	4.1515	1.113
	34.00	1056.9	886.4	100.65	4.0588	1.117
	35.00	1059.0	888.5	100.67	3.9714	1.121
	36.00	1060.8	890.4	100.69	3.8889	1.125
	37.00	1062.6	892.2	100.72	3.8108	1.129
	38.00	1064.3	893.8	100.79	3.7368	1.133
	39.00	1065.9	895.4	100.75	3.6667	1.136
	40.00	1067.5	897.0	100.77	3.6000	1.139
	41.00	1068.9	898.4	100.79	3.5366	1.143
	42.00	1070.2	899.8	100.81	3.4762	1.145
	43.00	1071.7	901.2	100.82	3.4186	1.148
	44.00	1072.9	902.5	100.83	3.3636	1.151
	45.00	1074.2	903.7	100.85	3.3111	1.154
	46.00	1075.4	904.9	100.87	3.2609	1.156
	47.00	1076.5	906.1	100.88	3.2128	1.159
	48.00	1077.5	907.1	100.90	3.1667	1.161
	49.00	1078.6	908.2	100.91	3.1224	1.163
	50.00	1079.6	909.2	100.93	3.0800	1.166

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TICKET #8729 DST #3 LEGLEITER #1-10 LIBOC, INC.

DATE: 11/30/95 TIME: 21:49:16

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	51.00	1080.6	910.1	100.94	3.0392	1.168
	52.00	1081.6	911.1	100.95	3.0000	1.170
	53.00	1082.5	912.0	100.99	2.9623	1.172
	54.00	1083.4	913.0	100.98	2.9259	1.174
	55.00	1084.3	913.8	101.00	2.8909	1.176
	56.00	1085.1	914.6	101.01	2.8571	1.177
	57.00	1085.8	915.4	101.01	2.8246	1.179
	58.00	1086.6	916.2	101.03	2.7931	1.181
	59.00	1087.4	916.9	101.05	2.7627	1.182
	60.00	1088.1	917.7	101.06	2.7333	1.184
***** End Shut-in 2	61.00	1088.7	918.3	101.07	2.7049	1.185
***** Final Hydro.	286.00	1676.9	0.0	101.11		

*** TOOL DIAGRAM *** CONV

WELL NAME: LEGLEITER #1-10

LOCATION : 10-16-18

TICKET No. 8729 D.S.T. No. 3 DATE 12-1-95

TOTAL TOOL TO BOTTOM OF TOP PACKERS 24

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 22

TOTAL TOOL 46

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.	Stands	Single	Total
-------------------	--------	--------	-------

D.P. ANCHOR STND.	Stands 1	Single	Total 62
-------------------	----------	--------	----------

TOTAL ASSEMBLY 108

D.C. ABOVE TOOLS.Stands	Single 1	Total 30
-------------------------	----------	----------

D.P. ABOVE TOOLS.Stands55 Single 1 Total 3414

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3525

TOTAL DEPTH 3519

TOTAL DRILL PIPE ABOVE K.B. 6

REMARKS:

P.O. SUB	3287
C.O. SUB	3407
S.I. TOOL STERLING	3413
HMV H&T	3418
JARS SUTLIF	3423
SAFETY JOINT BOWEN	3426
PACKER	3430
PACKER	3435
DEPTH 3435	
STUBB 1'	3436
ANCHOR 2' PERFS	3438
1' CO	3439
ALPIN RECORDER	3440
1 STD DP 62'	3501
1' CO	3502
T.C.	
DEPTH	
5' PERFS	3507
4' PERFS	3511
3' PERFS	3514
AK-1 RECORDER	3516
BULLNOSE 5' BULLPLUG	
T.D.	3519

TRILOBITE TESTING L.L.C.

OPERATOR : LIBOC, INC.

DATE 12-1-95

WELL NAME: LEGLEITER

KB 1940.00 ft

TICKET NO: 8730

DST #4

LOCATION : 10-16-18

GR 1931.00 ft

FORMATION: LOWER SAND

INTERVAL : 3528.00 To 3538.00 ft

TD 3538.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13754	13754	2342			PF Fr. 2222 to 2252 hr
SI 45 Range(Psi)	4000.0	4000.0	4995.0	0.0	0.0	IS Fr. 2252 to 2337 hr
SF 45 Clock(hrs)	AK-1	AK-1	Alpin			SF Fr. 2337 to 2422 hr
FS 60 Depth(ft)	3535.0	3535.0	3530.0	0.0	0.0	FS Fr. 2422 to 0122 hr

	Field	1	2	3	4	
A. Init Hydro	1776.0	1752.0	1758.0	0.0	0.0	T STARTED 2105 hr
B. First Flow	39.0	51.0	32.0	0.0	0.0	T ON BOTM 2217 hr
B1. Final Flow	49.0	59.0	59.0	0.0	0.0	T OPEN 2222 hr
C. In Shut-in	1036.0	1046.0	1064.0	0.0	0.0	T PULLED 0122 hr
D. Init Flow	68.0	82.0	65.0	0.0	0.0	T OUT 0300 hr
E. Final Flow	88.0	96.0	99.0	0.0	0.0	
F. Fl Shut-in	1036.0	1038.0	1061.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1716.0	1711.0	1701.0	0.0	0.0	Tool Wt. 2000.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 60000.00 lbs
						Initial Str Wt 55000.00 lbs
						Unseated Str Wt 56000.00 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 30.00 ft
						D.P. Length 3500.00 ft

RECOVERY

Tot Fluid 174.00 ft of 30.00 ft in DC and 144.00 ft in DP
 382.00 ft of GAS IN PIPE
 50.00 ft of OIL CUT MUD 30% OIL 70% MUD
 124.00 ft of SLIGHTLY OIL CUT WATER 5% OIL 95% WATER

SALINITY 10000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
 Strong - bottom of bucket in 9 minutes

Final Flow -
 Weak - building to 12" fair blow

SAMPLES:
 SENT TO:

MUD DATA-----

Mud Type	CHEM
Weight	9.40 lb/cf
Vis.	55.00 S/L
W.L.	10.00 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	110.00 F
Hole Condition	FAIR
% 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	DAN BANGLE
Co. Rep.	JEFF ZOLLER
Contr.	DUKE
Rig #	4
Unit #	
Pump T.	

Test Successful: Y

TEST HISTORY

TICKET #8730 DST #4 LEGLEITER #1-10 LIBOC, INC.

Flag Points

t(Min.) P(PSig)

A:	0.00	1758.11
B:	0.00	32.39
C:	28.00	59.16
D:	46.00	1064.78
E:	0.00	65.79
F:	43.00	99.87
G:	60.00	1061.43
Q:	0.00	1701.71

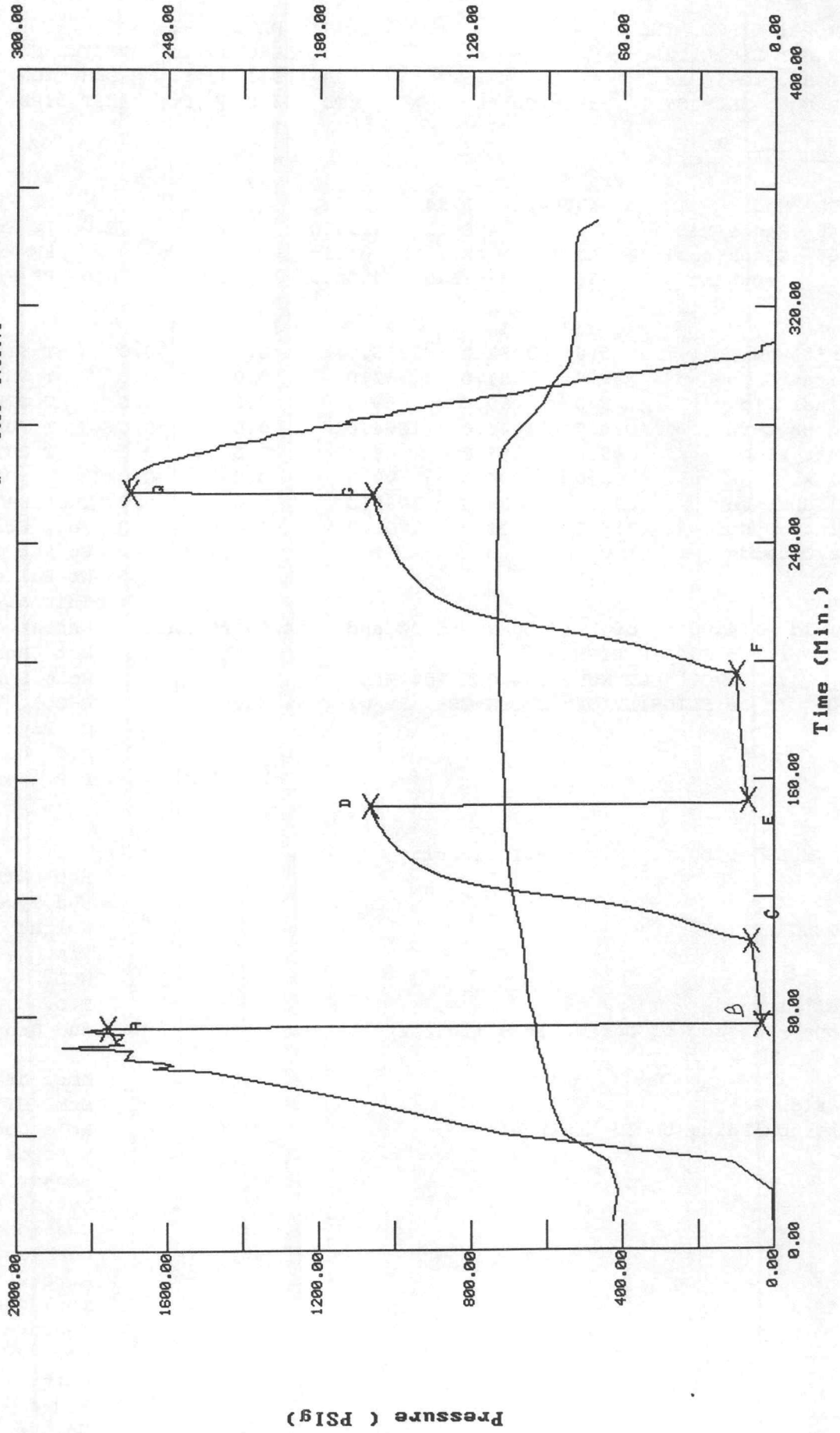
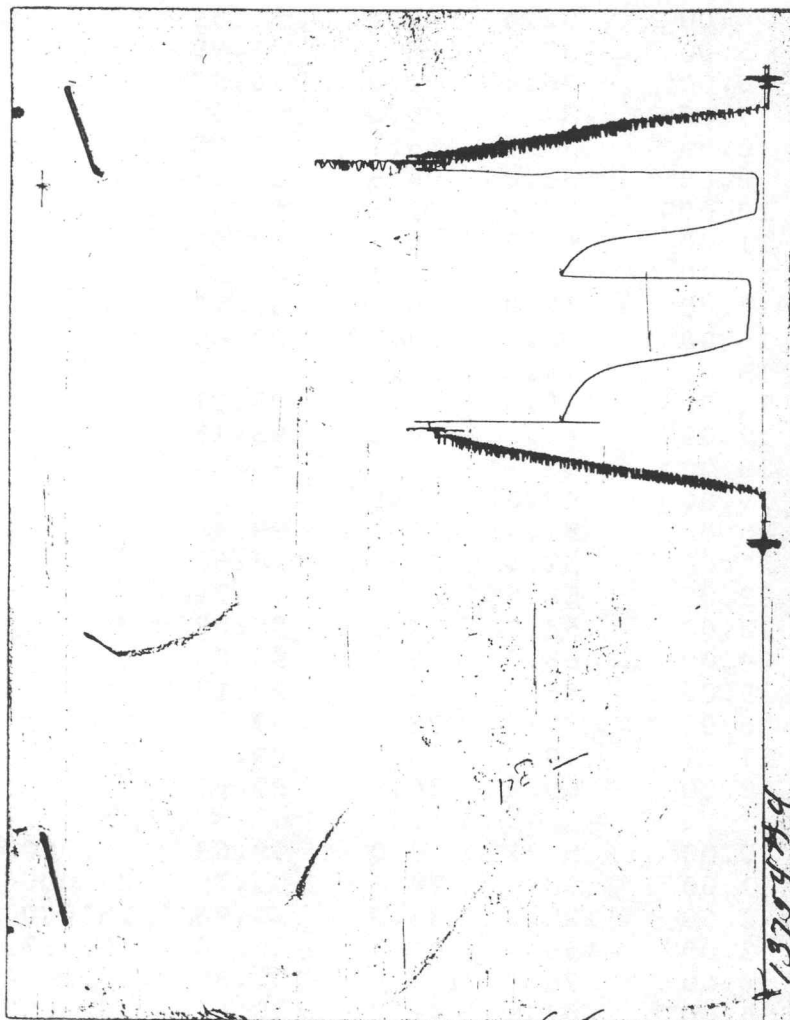


CHART PAGE



This is an actual photograph of recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TICKET #8730 DST #4 LEGLEITER #1-10 LIBOC, INC.

DATE: 12/01/95 TIME: 10:03:39

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	76.00	1758.1	0.0	94.38		
***** Start Flow 1	0.00	32.4	0.0	94.38		
	1.00	31.6	-0.8	94.47		
	2.00	30.8	-1.6	94.71		
	3.00	30.9	-1.5	95.11		
	4.00	32.6	0.2	95.55		
	5.00	35.0	2.6	95.99		
	6.00	36.4	4.0	96.37		
	7.00	37.3	5.0	96.68		
	8.00	38.1	5.7	96.95		
	9.00	38.8	6.5	97.16		
	10.00	39.8	7.4	97.33		
	11.00	40.7	8.3	97.47		
	12.00	41.5	9.1	97.59		
	13.00	42.3	9.9	97.70		
	14.00	43.3	10.9	97.80		
	15.00	44.6	12.3	97.90		
	16.00	46.0	13.6	98.01		
	17.00	47.2	14.8	98.11		
	18.00	48.5	16.1	98.23		
	19.00	49.8	17.5	98.35		
	20.00	51.3	18.9	98.48		
	21.00	52.4	20.0	98.61		
	22.00	53.5	21.1	98.74		
	23.00	54.5	22.1	98.88		
	24.00	55.6	23.2	99.03		
	25.00	56.4	24.0	99.17		
	26.00	57.4	25.0	99.32		
	27.00	58.2	25.8	99.47		
***** End Flow 1	28.00	59.2	26.8	99.63		
***** Start Shutin 1	0.00	59.2	0.0	99.63	0.0000	0.003
	1.00	83.9	24.8	99.79	29.0000	0.007
	2.00	125.8	66.6	99.96	15.0000	0.016
	3.00	154.1	94.9	100.16	10.3333	0.024
	4.00	178.7	119.5	100.39	8.0000	0.032
	5.00	201.8	142.7	100.67	6.6000	0.041
	6.00	225.3	166.1	100.97	5.6667	0.051
	7.00	248.3	189.2	101.27	5.0000	0.062
	8.00	272.6	213.4	101.56	4.5000	0.074
	9.00	299.9	240.7	101.83	4.1111	0.090
	10.00	331.3	272.1	102.10	3.8000	0.110
	11.00	367.6	308.4	102.34	3.5455	0.135
	12.00	409.8	350.7	102.58	3.3333	0.168
	13.00	458.3	399.2	102.81	3.1538	0.210
	14.00	512.6	453.5	103.04	3.0000	0.263
	15.00	570.8	511.6	103.27	2.8667	0.326
	16.00	630.2	571.0	103.50	2.7500	0.397
	17.00	687.9	628.7	103.73	2.6471	0.473
	18.00	740.5	681.3	103.94	2.5556	0.548
	19.00	785.1	726.0	104.15	2.4737	0.616
	20.00	821.3	762.1	104.33	2.4000	0.675

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TICKET #8730 DST #4 LEGLEITER #1-10 LIBOC, INC.

DATE: 12/01/95 TIME: 10:03:39

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	21.00	850.6	791.4	104.50	2.3333	0.724
	22.00	874.7	815.5	104.67	2.2727	0.765
	23.00	894.9	835.8	104.82	2.2174	0.801
	24.00	912.1	853.0	104.97	2.1667	0.832
	25.00	927.1	868.0	105.10	2.1200	0.860
	26.00	940.5	881.3	105.24	2.0769	0.885
	27.00	952.3	893.2	105.38	2.0370	0.907
	28.00	963.0	903.8	105.50	2.0000	0.927
	29.00	972.7	913.6	105.63	1.9655	0.946
	30.00	981.7	922.5	105.75	1.9333	0.964
	31.00	989.9	930.8	105.86	1.9032	0.980
	32.00	997.4	938.2	105.95	1.8750	0.995
	33.00	1004.4	945.3	106.04	1.8485	1.009
	34.00	1011.1	951.9	106.12	1.8235	1.022
	35.00	1017.1	958.0	106.20	1.8000	1.035
	36.00	1022.8	963.7	106.27	1.7778	1.046
	37.00	1028.1	968.9	106.34	1.7568	1.057
	38.00	1033.2	974.1	106.40	1.7368	1.068
	39.00	1037.9	978.8	106.46	1.7179	1.077
	40.00	1042.4	983.2	106.51	1.7000	1.087
	41.00	1046.7	987.5	106.56	1.6829	1.095
	42.00	1050.7	991.5	106.61	1.6667	1.104
	43.00	1054.5	995.3	106.65	1.6512	1.112
	44.00	1058.1	998.9	106.69	1.6364	1.120
	45.00	1061.5	1002.3	106.74	1.6222	1.127
***** End Shut-in 1	46.00	1064.8	1005.6	106.78	1.6087	1.134
***** Start Flow 2	0.00	65.8	0.0	106.80		
	1.00	67.1	1.3	106.81		
	2.00	68.6	2.8	106.82		
	3.00	70.4	4.6	106.85		
	4.00	71.6	5.8	106.87		
	5.00	72.8	7.0	106.90		
	6.00	73.7	7.9	106.94		
	7.00	74.7	8.9	106.98		
	8.00	75.6	9.8	107.05		
	9.00	76.6	10.8	107.11		
	10.00	77.5	11.7	107.17		
	11.00	78.3	12.5	107.24		
	12.00	79.1	13.3	107.30		
	13.00	80.1	14.3	107.37		
	14.00	80.7	14.9	107.45		
	15.00	81.3	15.5	107.51		
	16.00	82.4	16.6	107.58		
	17.00	83.0	17.2	107.65		
	18.00	83.8	18.0	107.72		
	19.00	84.4	18.6	107.79		
	20.00	85.1	19.3	107.86		
	21.00	86.0	20.2	107.93		
	22.00	86.9	21.1	108.00		
	23.00	87.7	21.9	108.07		
	24.00	88.1	22.3	108.13		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TICKET #8730 DST #4 LEGLEITER #1-10 LIBOC, INC.

DATE: 12/01/95

TIME: 10:03:39

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
25.00	88.9	23.1	108.20		
26.00	89.5	23.8	108.26		
27.00	90.2	24.4	108.33		
28.00	90.9	25.1	108.38		
29.00	91.4	25.6	108.43		
30.00	92.1	26.4	108.49		
31.00	92.7	26.9	108.56		
32.00	93.3	27.5	108.61		
33.00	94.1	28.3	108.67		
34.00	94.7	28.9	108.72		
35.00	95.2	29.4	108.78		
36.00	95.7	29.9	108.83		
37.00	96.3	30.5	108.88		
38.00	96.9	31.1	108.93		
39.00	97.5	31.7	108.96		
40.00	98.1	32.3	109.02		
41.00	98.7	32.9	109.07		
42.00	99.3	33.5	109.11		
43.00	99.9	34.1	109.16		

***** End Flow 2

***** Start Shutin 2

0.00	99.9	0.0	109.16	0.0000	0.01
1.00	146.5	46.7	109.21	72.0000	0.021
2.00	177.0	77.1	109.25	36.5000	0.031
3.00	202.1	102.2	109.28	24.6667	0.041
4.00	224.6	124.7	109.32	18.7500	0.050
5.00	245.9	146.0	109.35	15.2000	0.060
6.00	267.6	167.7	109.39	12.8333	0.072
7.00	291.1	191.2	109.41	11.1429	0.085
8.00	317.6	217.7	109.45	9.8750	0.101
9.00	347.1	247.3	109.49	8.8889	0.120
10.00	380.1	280.2	109.52	8.1000	0.144
11.00	417.1	317.2	109.57	7.4545	0.174
12.00	457.7	357.9	109.60	6.9167	0.210
13.00	501.5	401.6	109.63	6.4615	0.251
14.00	547.5	447.6	109.67	6.0714	0.300
15.00	594.5	494.6	109.70	5.7333	0.353
16.00	640.9	541.1	109.74	5.4375	0.411
17.00	685.0	585.1	109.78	5.1765	0.469
18.00	725.0	625.1	109.81	4.9444	0.526
19.00	760.0	660.1	109.84	4.7368	0.578
20.00	789.8	690.0	109.86	4.5500	0.624
21.00	815.2	715.3	109.90	4.3810	0.665
22.00	836.8	737.0	109.92	4.2273	0.700
23.00	855.6	755.7	109.95	4.0870	0.732
24.00	871.7	771.9	109.96	3.9583	0.760
25.00	886.2	786.3	109.98	3.8400	0.785
26.00	899.0	799.2	110.00	3.7308	0.808
27.00	910.5	810.7	110.01	3.6296	0.829
28.00	921.1	821.2	110.02	3.5357	0.848
29.00	930.8	830.9	110.03	3.4483	0.866
30.00	939.6	839.7	110.04	3.3667	0.883
31.00	947.7	847.8	110.04	3.2903	0.898

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

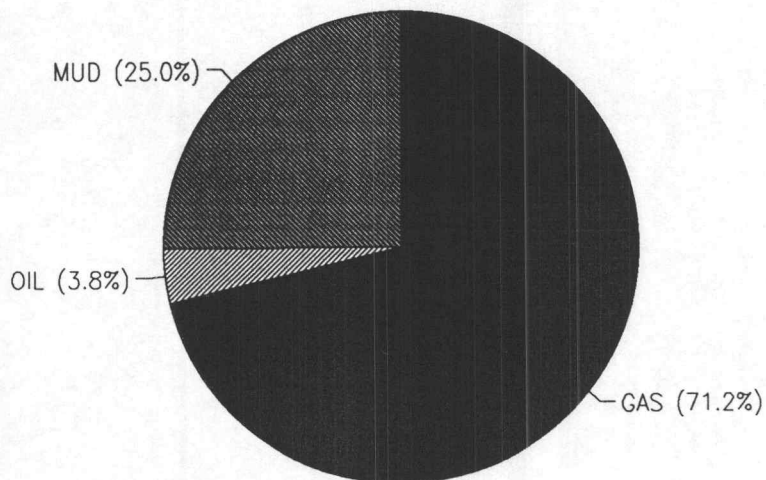
TEST: TICKET #8730 DST #4 LEGLEITER #1-10 LIBOC, INC.

DATE: 12/01/95 TIME: 10:03:39

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	32.00	955.3	855.4	110.05	3.2188	0.913
	33.00	962.3	862.4	110.06	3.1515	0.926
	34.00	968.9	869.1	110.05	3.0882	0.939
	35.00	975.1	875.2	110.05	3.0286	0.951
	36.00	980.8	880.9	110.05	2.9722	0.962
	37.00	986.3	886.4	110.04	2.9189	0.973
	38.00	991.4	891.6	110.04	2.8684	0.983
	39.00	996.4	896.5	110.05	2.8205	0.993
	40.00	1001.0	901.1	110.04	2.7750	1.002
	41.00	1005.4	905.5	110.02	2.7317	1.011
	42.00	1009.6	909.8	110.02	2.6905	1.019
	43.00	1013.6	913.7	110.01	2.6512	1.027
	44.00	1017.4	917.6	110.01	2.6136	1.035
	45.00	1021.1	921.2	110.00	2.5778	1.043
	46.00	1024.6	924.7	110.00	2.5435	1.050
	47.00	1027.9	928.0	109.98	2.5106	1.056
	48.00	1031.1	931.3	109.97	2.4792	1.063
	49.00	1034.2	934.4	109.96	2.4490	1.070
	50.00	1037.2	937.3	109.95	2.4200	1.076
	51.00	1040.1	940.2	109.93	2.3922	1.082
	52.00	1042.8	942.9	109.92	2.3654	1.087
	53.00	1045.4	945.5	109.91	2.3396	1.093
	54.00	1047.9	948.0	109.91	2.3148	1.098
	55.00	1050.3	950.5	109.89	2.2909	1.103
	56.00	1052.7	952.8	109.88	2.2679	1.108
	57.00	1055.0	955.2	109.87	2.2456	1.113
	58.00	1057.2	957.4	109.85	2.2241	1.118
	59.00	1059.3	959.5	109.84	2.2034	1.122
***** End Shut-in 2	60.00	1061.4	961.6	109.83	2.1833	1.127
***** Final Hydro.	257.00	1701.7	0.0	109.84		

CALCULATED RECOVERY ANALYSIS

DST		4	TICKET # 8730							
SAMPLE		TOTAL	GAS	OIL		WATER		MUD		
#		FEET	%	FEET	%	FEET	%	FEET	%	FEET
DRILL PIPE	1	382	100	382		0		0		0
	2	50		0	30	15		0	70	35
	3	94		0	5	4.7		0	95	89.3
	4			0		0		0		0
	5			0		0		0		0
	6			0		0		0		0
WEIGHT PIP	1			0		0		0		0
	2			0		0		0		0
	3			0		0		0		0
	4			0		0		0		0
DRL COLLAR	1	30		0	5	1.5		0	95	28.5
	2			0		0		0		0
	3			0		0		0		0
	4			0		0		0		0
	5			0		0		0		0
TOTAL		556		382		21.2		0		152.8
HRS OPEN BBL/DAY										
BBL OIL=		0.287469	*	75	0.0919901					
BBL WATER=		0	*		0					
BBL MUD=		1.906911								
BBL GAS =		5.43204								



*** TOOL DIAGRAM *** CONV

WELL NAME: LEGLEITER

LOCATION : 10-16-18

TICKET No. 8730 D.S.T. No. 4 DATE 12-1-95

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 10

TOTAL TOOL 38

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 38

D.C. ABOVE TOOLS.Stands Single 1 Total 30

D.P. ABOVE TOOLS.Stands Single Total 3500

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3568

TOTAL DEPTH 3538

TOTAL DRILL PIPE ABOVE K.B. 30

REMARKS:

HIT BRIDGE AT 3228

* HIT BRIDGE AT 3228, TOOL FELL THROUGH

P.O. SUB 3380
C.O. SUB 3500

S.I. TOOL STERLING 3506

HMV H&T 3511

JARS SUTLIF 3516

SAFETY JOINT BOWEN 3519

PACKER 3523

PACKER 3528

DEPTH 3528
STUBB 1' 3529

ANCHOR
ALPIN RECORDER 3530
4' PERFS 3533

T.C.
DEPTH

BULLNOSE 5' BULLPLUG
T.D. 3538