

Computer inventoried

CONFIDENTIAL

WELL NAME: Huck #1-31
COMPANY: Cross Bar Petroleum Inc.
LOCATION: Sec. 31 Twp. 17S Rge. 31W
Scott County Kansas
DATE: 10-19-96

DEC 1 7

CONFIDENTIAL

15-171-20503

RELEASED

SEP 25 1998

FROM CONFIDENTIAL

10. 10. 1917
11. 10. 1917
12. 10. 1917

TRILOBITE TESTING L.L.C.

OPERATOR : Cross Bar Petroleum Inc.

DATE 10-19-96

WELL NAME: Huck #1-31

KB 3000.00 ft

TICKET NO: 9298

DST #1

LOCATION : 31-17s-31w Scott KS

GR 2995.00 ft

FORMATION: Toronto-L/KC 'A'

INTERVAL : 3923.00 To 3953.00 ft

TD 3953.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	13339	13339	13276			PF Fr. 0843 to 0928 hr
SI 60 Range(Psi)	4000.0	4000.0	4000.0	0.0	0.0	IS Fr. 0928 to 1028 hr
SF 45 Clock(hrs)	12	12	12			SF Fr. 1028 to 1113 hr
FS 60 Depth(ft)	3948.0	3948.0	3943.0	0.0	0.0	FS Fr. 1113 to 1213 hr

	Field	1	2	3	4	
A. Init Hydro	1942.0	1921.0	0.0	0.0	0.0	T STARTED 0700 hr
B. First Flow	83.0	100.0	0.0	0.0	0.0	T ON BOTM 0841 hr
B1. Final Flow	228.0	238.0	0.0	0.0	0.0	T OPEN 0843 hr
C. In Shut-in	1130.0	1046.0	0.0	0.0	0.0	T PULLED 1213 hr
D. Init Flow	280.0	288.0	0.0	0.0	0.0	T OUT 1400 hr
E. Final Flow	343.0	367.0	0.0	0.0	0.0	
F. Fl Shut-in	1010.0	1016.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1912.0	1949.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 68000.00 lbs
						Initial Str Wt 58000.00 lbs
						Unseated Str Wt 59000.00 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 248.00 ft
						D.P. Length 3664.00 ft
						H.W. I.D 2.70 in

RECOVERY

Tot Fluid 730.00 ft of 248.00 ft in DC and 482.00 ft in DP

50.00 ft of Watery Mud

0.00 ft of

680.00 ft of Water

0.00 ft of

0.00 ft of

0.00 ft of

0.00 ft of

0.00 ft of

SALINITY 42000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chem
Weight	9.00 lb/c:
Vis.	44.00 S/L
W.L.	11.00 in3
F.C.	0.00 in
Mud Drop	

BLOW DESCRIPTION

Initial Flow -

Weak to fair blow off bottom in

20 mins.

Initial Shut-in -

Bled off blow - no return

Final Flow -

Surface return in 1 min. - built

to 6"

Final Shut-in -

Bled off blow - no return

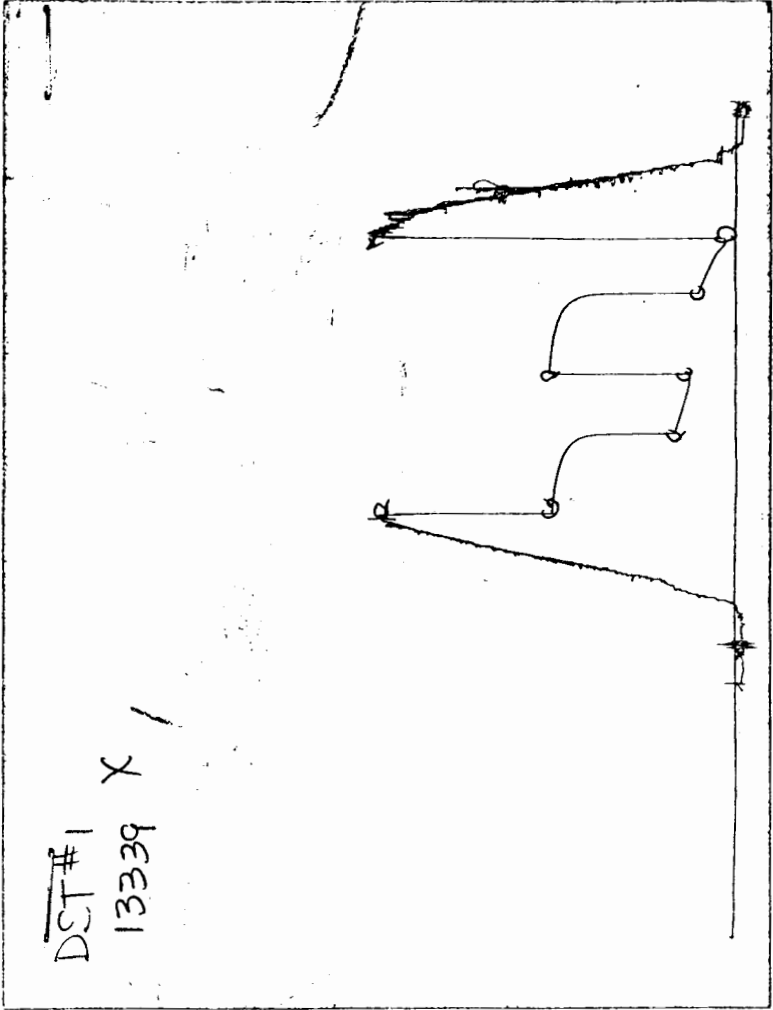
SAMPLES:

SENT TO:

Amt. of fill	0.00 ft
Btm. H. Temp.	120.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Rod Steinbrink
Co. Rep.	Steve Davis
Contr.	Mallard
Rig #	2
Unit #	
Pump T.	

Test Successful: Y

CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : Cross Bar Petroleum Inc.
WELL NAME: Huck #1-31
LOCATION : 31-17s-31w Scott KS
INTERVAL : 4140.00 To 4205.00 ft

DATE 10-18-96
KB 3000.00 ft TICKET NO: 9299 DST #2
GR 2995.00 ft FORMATION: Lans/KC "H I J"
TD 4205.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	13339	13339	13276			PF Fr. 1417 to 1502 hr
SI 60 Range(Psi)	4000.0	4000.0	4000.0	0.0	0.0	IS Fr. 1502 to 1602 hr
SF 45 Clock(hrs)	12	12	12			SF Fr. 1602 to 1647 hr
FS 60 Depth(ft)	4200.0	4200.0	4165.0	0.0	0.0	FS Fr. 1647 to 1747 hr

	Field	1	2	3	4	
A. Init Hydro	2123.0	2153.0	0.0	0.0	0.0	T STARTED 1245 hr
B. First Flow	93.0	123.0	0.0	0.0	0.0	T ON BOTM 1415 hr
Bl. Final Flow	259.0	283.0	0.0	0.0	0.0	T OPEN 1417 hr
C. In Shut-in	1030.0	1059.0	0.0	0.0	0.0	T PULLED 1747 hr
D. Init Flow	322.0	341.0	0.0	0.0	0.0	T OUT 2000 hr
E. Final Flow	415.0	441.0	0.0	0.0	0.0	
F. Fl Shut-in	1040.0	1047.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2093.0	2141.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 65000.00 lbs
						Initial Str Wt 60000.00 lbs
						Unseated Str Wt 62000.00 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 248.00 ft
						D.P. Length 3884.00 ft
						H.W. I.D 2.70 in

RECOVERY

Tot Fluid 890.00 ft of 248.00 ft in DC and 642.00 ft in DP
210.00 ft of Watery Mud with few specks oil
0.00 ft of
680.00 ft of Sulphur Water
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of

SALINITY 36000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
Weak to fair blow off bottom in
20 mins.

Initial Shut-in -
Bled off blow - no return

Final Flow -
Weak return slowly built off
bottom in 25 mins.

Final Shut-in -
Bled off blow - no return

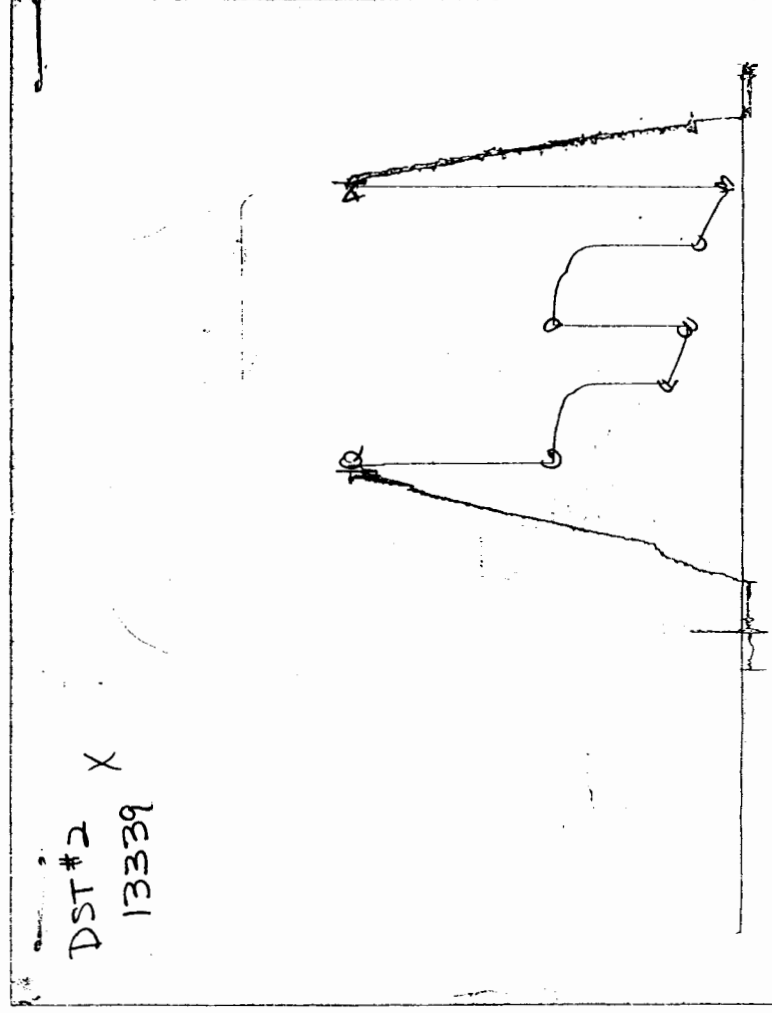
SAMPLES:

SENT TO:

MUD DATA-----
Mud Type Chem
Weight 9.30 lb/cf
Vis. 45.00 S/L
W.L. 8.70 in3
F.C. 0.00 in
Mud Drop
Amt. of fill 0.00 ft
Btm. H. Temp. 1210.00 F
Hole Condition
% Porosity 0.00
Packer Size 6.75 in
No. of Packers 2
Cushion Amt. 0.00
Cushion Type
Reversed Out
Tool Chased
Tester Rod Steinbrink
Co. Rep. Steve Davis
Contr. Mallard
Rig # 2
Unit #
Pump T.

Test Successful: Y

CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : Cross Bar Petroleum Inc.

DATE 10-19-96

WELL NAME: Huck #1-31

KB 3000.00 ft

TICKET NO: 9300

DST #3

LOCATION : 31-17s-31w Scott KS

GR 2995.00 ft

FORMATION: Lans/KC 'K'

INTERVAL : 4210.00 To 4240.00 ft

TD 4240.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	13339	13339	13276			PF Fr. 0415 to 0500 hr
SI 60 Range(Psi)	4000.0	4000.0	4000.0	0.0	0.0	IS Fr. 0500 to 0600 hr
SF 45 Clock(hrs)	12	12	12			SF Fr. 0600 to 0645 hr
FS 60 Depth(ft)	4235.0	4235.0	4230.0	0.0	0.0	FS Fr. 0645 to 0745 hr

	Field	1	2	3	4	
A. Init Hydro	2123.0	2119.0	0.0	0.0	0.0	T STARTED 0230 hr
B. First Flow	83.0	94.0	0.0	0.0	0.0	T ON BOTM 0413 hr
B1. Final Flow	176.0	182.0	0.0	0.0	0.0	T OPEN 0415 hr
C. In Shut-in	979.0	996.0	0.0	0.0	0.0	T PULLED 0745 hr
D. Init Flow	2067.0	205.0	0.0	0.0	0.0	T OUT 0930 hr
E. Final Flow	259.0	256.0	0.0	0.0	0.0	
F. Fl Shut-in	979.0	976.0	0.0	0.0	0.0	
G. Final Hydro	2063.0	2082.0	0.0	0.0	0.0	
Inside/Outside	0	0	I			

RECOVERY

Tot Fluid 540.00 ft of 248.00 ft in DC and 292.00 ft in DP
 15.00 ft of Watery mud with show of oil
 0.00 ft of
 525.00 ft of Sulphur Water
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 SALINITY 32000.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA-----
 Tool Wt. 0.00 lbs
 Wt Set On Packer 30000.00 lbs
 Wt Pulled Loose 60000.00 lbs
 Initial Str Wt 60000.00 lbs
 Unseated Str Wt 60000.00 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 248.00 ft
 D.P. Length 3947.00 ft
 H.W. I.D 2.70 in

BLOW DESCRIPTION

Initial Flow -
 Weak to fair blow built to 8"

Initial Shut-in -
 No return blow

Final Flow -
 Surface blow built to 2"

Final Shut-in -
 No return blow

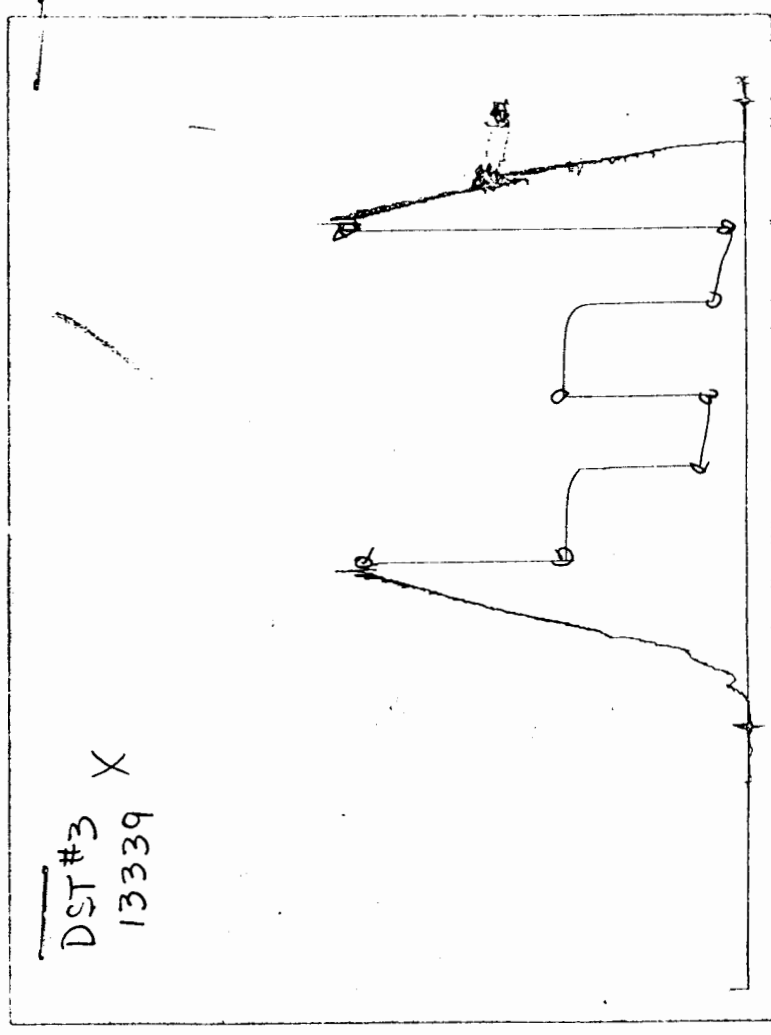
SAMPLES:

SENT TO:

MUD DATA-----
 Mud Type Chem
 Weight 9.30 lb/cf
 Vis. 44.00 S/L
 W.L. 8.20 in3
 F.C. 0.00 in
 Mud Drop
 Amt. of fill 0.00 ft
 Btm. H. Temp. 1210.00 F
 Hole Condition
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out
 Tool Chased
 Tester Rod Steinbrink
 Co. Rep. Steve Davis
 Contr. Mallard
 Rig # 2
 Unit #
 Pump T.

Test Successful: Y

CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : CrossBar Petroleum Inc
WELL NAME: Huck #1-31
LOCATION : 31-17s-31w Scott KS
INTERVAL : 4544.00 To 4580.00 ft

DATE 10-20-96
KB 3000.00 ft TICKET NO: 9551 DST #4
GR 2995.00 ft FORMATION: Morrow
TD 4580.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339	13339	2341			PF Fr. 2143 to 2213 hr
SI 60 Range(Psi)	4000.0	4000.0	4995.0	0.0	0.0	IS Fr. 2213 to 2315 hr
SF 15 Clock(hrs)	12 HR	12 HR	elec.			SF Fr. 2315 to 2330 hr
FS 60 Depth(ft)	4575.0	4575.0	4546.0	0.0	0.0	FS Fr. 2330 to 0030 hr

	Field	1	2	3	4	
A. Init Hydro	2323.0	2322.0	2283.0	0.0	0.0	T STARTED 2000 hr
B. First Flow	41.0	59.0	18.0	0.0	0.0	T ON BOTM 2141 hr
B1. Final Flow	41.0	52.0	20.0	0.0	0.0	T OPEN 2143 hr
C. In Shut-in	52.0	53.0	37.0	0.0	0.0	T PULLED 0030 hr
D. Init Flow	52.0	59.0	20.0	0.0	0.0	T OUT 0215 hr
E. Final Flow	52.0	64.0	23.0	0.0	0.0	
F. Fl Shut-in	114.0	112.0	104.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2303.0	2308.0	2229.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 68000.00 lbs
						Initial Str Wt 60000.00 lbs
						Unseated Str Wt 60000.00 lbs
						Bot Choke 0.75 in
						Hole Size 8.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 248.00 ft
						D.P. Length 4291.00 ft
						H.W. I.D 2.70 in

RECOVERY

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

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

BLOW DESCRIPTION

Initial Flow -
Weak surface blow died in 15 mins.

Final Flow -
No return flushed tool / good surge-
No return blow

SAMPLES:

SENT TO:

Test Successful: Y

MUD DATA-----
Mud Type Chemical
Weight 9.00 lb/cf
Vis. 45.00 S/L
W.L. 9.00 in3
F.C. 0.00 in
Mud Drop N

Amt. of fill 0.00 ft
Btm. H. Temp. 126.00 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 Rod Steinbrink
Co. Rep. Steve Davis
Contr. Mallard
Rig # 2
Unit #
Pump T.

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Huck #1-31

LOCATION : 31-17s-31w Scott KS

TICKET No. 9551 D.S.T. No. 4 DATE 10-20-96

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL 36

BOTTOM PACKERS AND ANCHOR

TOTAL TOOL 63

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 63

D.C. ABOVE TOOLS.Stands4 Single Total 248

D.P. ABOVE TOOLS.Stands68 Single 1 Total 4291

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4600

TOTAL DEPTH 4580

TOTAL DRILL PIPE ABOVE K.B. 20

REMARKS:

P.O. SUB 1' above 120' DC	4397
C.O. SUB 1'	4517
S.I. TOOL 5'	4523
HMV 5'	4528
JARS 5'	4533
SAFETY JOINT 2'	4535
PACKER 5'	4540
PACKER 4'	4544
DEPTH	
STUBB 1'	4545
ANCHOR	
Alp Rec. @	4546
30' Perf.	4575
T.C.	
DEPTH	
BULLNOSE 5' W/AK-1 Rec @	4575
T.D.	4580

TEST HISTORY

9551 DST #4 Huck #1-31 CrossBar Pet. Inc.

Flag Points

t(Min.) P(PSig)

A: 0.00 2283.46
B: 0.00 18.66
C: 31.00 20.22
D: 63.00 37.91
E: 0.00 20.70
F: 12.00 23.49
G: 60.00 104.80
Q: 0.00 2229.16

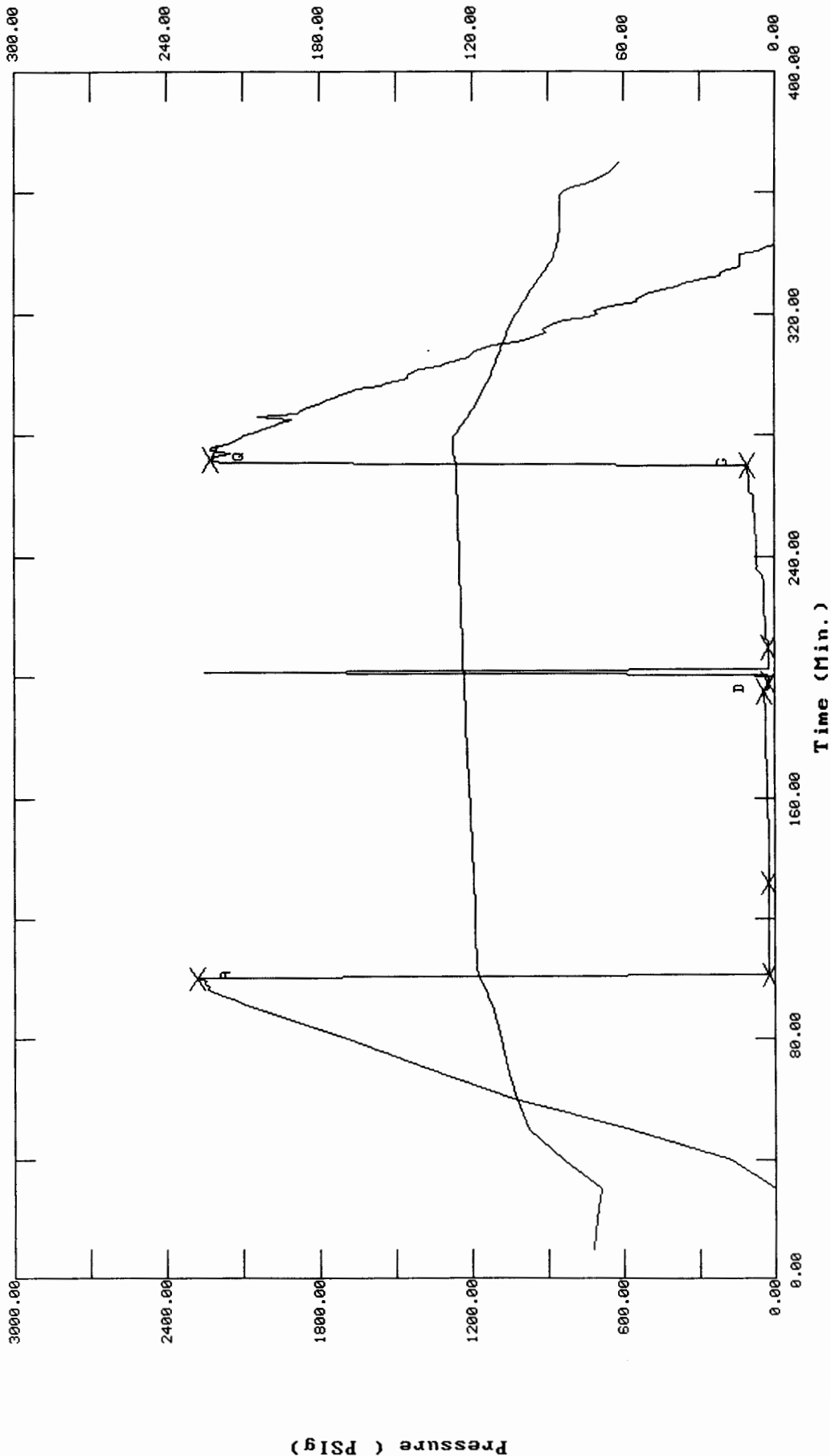
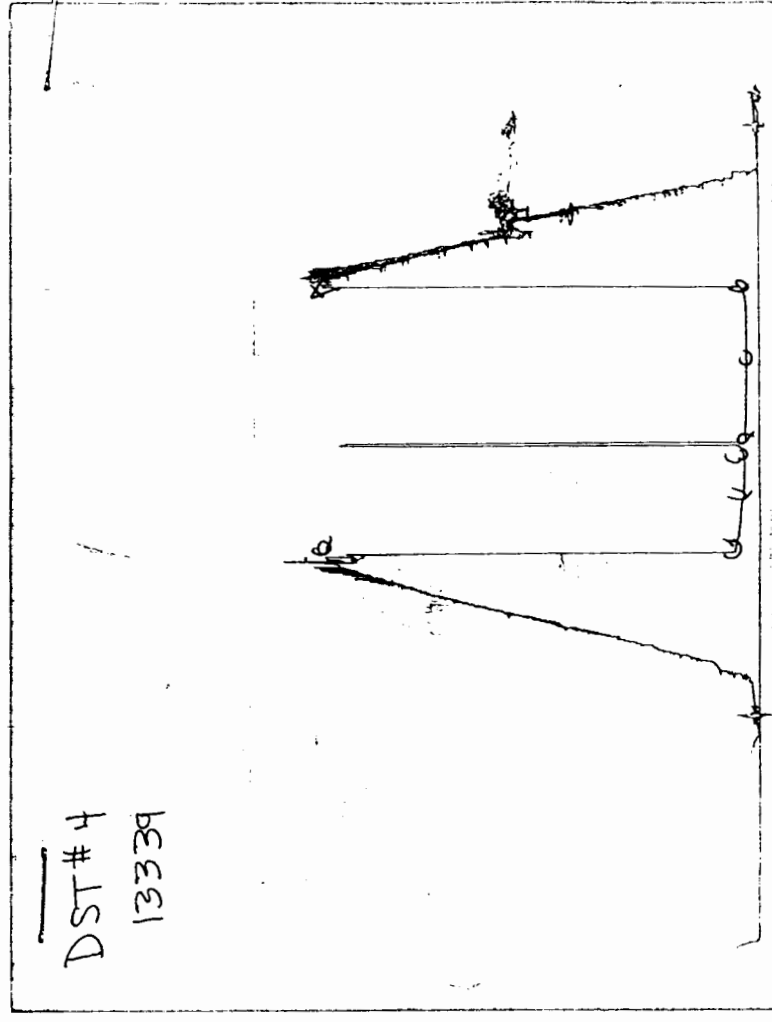


CHART PAGE



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

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9551 DST #4 Huck #1-31 CrossBar Pet. Inc.

DATE: 10/20/96

TIME: 20:00:33

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	100.00	2283.5	0.0	116.97		
***** Start Flow 1	0.00	18.7	0.0	117.30		
	1.00	19.1	0.4	117.61		
	2.00	19.2	0.6	117.85		
	3.00	19.4	0.7	118.02		
	4.00	19.5	0.8	118.14		
	5.00	19.5	0.9	118.23		
	6.00	19.6	0.9	118.31		
	7.00	19.7	1.0	118.33		
	8.00	19.7	1.1	118.35		
	9.00	19.7	1.1	118.41		
	10.00	19.8	1.2	118.47		
	11.00	19.8	1.2	118.48		
	12.00	19.9	1.2	118.50		
	13.00	19.8	1.2	118.52		
	14.00	19.9	1.2	118.54		
	15.00	19.9	1.2	118.56		
	16.00	19.9	1.3	118.57		
	17.00	19.9	1.2	118.60		
	18.00	19.9	1.3	118.63		
	19.00	20.0	1.3	118.66		
	20.00	20.0	1.4	118.70		
	21.00	20.0	1.4	118.73		
	22.00	20.0	1.3	118.76		
	23.00	20.0	1.4	118.80		
	24.00	20.0	1.4	118.85		
	25.00	20.1	1.4	118.89		
	26.00	20.0	1.3	118.94		
	27.00	20.1	1.5	118.99		
	28.00	20.1	1.5	119.04		
	29.00	20.2	1.5	119.09		
	30.00	20.2	1.6	119.13		
***** End Flow 1	31.00	20.2	1.6	119.18		
***** Start Shutin 1	0.00	20.2	0.0	119.18	0.0000	0.000
	1.00	19.8	-0.4	119.23	32.0000	0.000
	2.00	19.2	-1	119.30	16.5000	0.000
	3.00	19.6	-0.6	119.35	11.3333	0.000
	4.00	19.8	-0.4	119.40	8.7500	0.000
	5.00	20.1	-0.1	119.46	7.2000	0.000
	6.00	20.4	0.1	119.52	6.1667	0.000
	7.00	20.6	0.4	119.57	5.4286	0.000
	8.00	20.8	0.6	119.63	4.8750	0.000
	9.00	21.1	0.9	119.69	4.4444	0.000
	10.00	21.4	1.2	119.75	4.1000	0.000
	11.00	21.7	1.4	119.80	3.8182	0.000
	12.00	21.9	1.7	119.86	3.5833	0.000
	13.00	22.2	1.9	119.93	3.3846	0.000
	14.00	22.5	2.2	119.99	3.2143	0.001
	15.00	22.8	2.6	120.04	3.0667	0.001
	16.00	23.0	2.8	120.11	2.9375	0.001
	17.00	23.3	3.1	120.17	2.8235	0.001

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9551 DST #4 Huck #1-31 CrossBar Pet. Inc.

DATE: 10/20/96

TIME: 20:00:33

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	18.00	23.6	3.4	120.23	2.7222	0.001
	19.00	23.9	3.7	120.30	2.6316	0.001
	20.00	24.1	3.9	120.37	2.5500	0.001
	21.00	24.4	4.2	120.40	2.4762	0.001
	22.00	24.6	4.4	120.43	2.4091	0.001
	23.00	24.9	4.7	120.46	2.3478	0.001
	24.00	25.2	5.0	120.56	2.2917	0.001
	25.00	25.5	5.3	120.61	2.2400	0.001
	26.00	25.8	5.6	120.68	2.1923	0.001
	27.00	26.2	5.9	120.74	2.1481	0.001
	28.00	26.4	6.2	120.80	2.1071	0.001
	29.00	26.7	6.4	120.85	2.0690	0.001
	30.00	27.0	6.7	120.92	2.0333	0.001
	31.00	27.3	7.1	120.97	2.0000	0.001
	32.00	27.5	7.3	121.03	1.9688	0.001
	33.00	27.9	7.7	121.07	1.9394	0.001
	34.00	28.2	8.0	121.15	1.9118	0.001
	35.00	28.4	8.2	121.20	1.8857	0.001
	36.00	28.8	8.6	121.26	1.8611	0.001
	37.00	29.1	8.8	121.30	1.8378	0.001
	38.00	29.4	9.2	121.37	1.8158	0.001
	39.00	29.7	9.5	121.43	1.7949	0.001
	40.00	30.0	9.8	121.47	1.7750	0.001
	41.00	30.3	10.1	121.54	1.7561	0.001
	42.00	30.7	10.4	121.61	1.7381	0.001
	43.00	30.9	10.7	121.67	1.7209	0.001
	44.00	31.2	11.0	121.73	1.7045	0.001
	45.00	31.6	11.4	121.78	1.6889	0.001
	46.00	32.0	11.8	121.82	1.6739	0.001
	47.00	32.3	12.1	121.92	1.6596	0.001
	48.00	32.7	12.4	121.92	1.6458	0.001
	49.00	33.1	12.8	122.03	1.6327	0.001
	50.00	33.4	13.1	122.09	1.6200	0.001
	51.00	33.6	13.4	122.11	1.6078	0.001
	52.00	34.0	13.8	122.17	1.5962	0.001
	53.00	34.3	14.1	122.21	1.5849	0.001
	54.00	34.8	14.5	122.26	1.5741	0.001
	55.00	35.0	14.8	122.32	1.5636	0.001
	56.00	35.4	15.2	122.37	1.5536	0.001
	57.00	35.7	15.5	122.42	1.5439	0.001
	58.00	36.1	15.9	122.48	1.5345	0.001
	59.00	36.4	16.2	122.53	1.5254	0.001
	60.00	36.8	16.6	122.57	1.5167	0.001
	61.00	37.1	16.9	122.62	1.5082	0.001
	62.00	37.6	17.3	122.67	1.5000	0.001
***** End Shut-in 1	63.00	37.9	17.7	122.72	1.4921	0.001
***** Start Flow 2	0.00	20.7	0.0	122.87		
	1.00	20.7	0.0	122.90		
	2.00	20.7	0.0	122.95		
	3.00	29.2	8.5	122.99		
	4.00	2251.7	2231.0	123.21		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9551 DST #4 Huck #1-31 CrossBar Pet. Inc.

DATE: 10/20/96

TIME: 20:00:33

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	5.00	22.5	1.8	123.24		
	6.00	22.8	2.1	123.28		
	7.00	23.0	2.3	123.33		
	8.00	23.1	2.4	123.37		
	9.00	23.1	2.4	123.41		
	10.00	23.0	2.3	123.44		
	11.00	23.1	2.4	123.49		
***** End Flow 2	12.00	23.5	2.8	123.54		
***** Start Shutin 2	0.00	23.5	0.0	123.54	0.0000	0.001
	1.00	21.5	-2.0	123.58	44.0000	0.000
	2.00	22.3	-1.2	123.62	22.5000	0.000
	3.00	33.8	10.3	123.66	15.3333	0.001
	4.00	33.6	10.1	123.70	11.7500	0.001
	5.00	34.0	10.5	123.76	9.6000	0.001
	6.00	34.5	11.0	123.79	8.1667	0.001
	7.00	35.0	11.5	123.85	7.1429	0.001
	8.00	35.3	11.8	123.89	6.3750	0.001
	9.00	35.8	12.3	123.93	5.7778	0.001
	10.00	36.3	12.8	123.98	5.3000	0.001
	11.00	36.7	13.2	124.02	4.9091	0.001
	12.00	37.3	13.8	124.05	4.5833	0.001
	13.00	37.7	14.2	124.09	4.3077	0.001
	14.00	38.1	14.6	124.13	4.0714	0.001
	15.00	38.6	15.1	124.18	3.8667	0.001
	16.00	39.2	15.7	124.23	3.6875	0.002
	17.00	39.7	16.2	124.26	3.5294	0.002
	18.00	40.1	16.7	124.31	3.3889	0.002
	19.00	40.6	17.1	124.36	3.2632	0.002
	20.00	41.6	18.1	124.39	3.1500	0.002
	21.00	42.2	18.7	124.43	3.0476	0.002
	22.00	42.7	19.2	124.47	2.9545	0.002
	23.00	43.1	19.6	124.52	2.8696	0.002
	24.00	43.7	20.2	124.57	2.7917	0.002
	25.00	56.1	32.6	124.60	2.7200	0.003
	26.00	66.9	43.4	124.65	2.6538	0.004
	27.00	66.6	43.1	124.70	2.5926	0.004
	28.00	68.0	44.5	124.73	2.5357	0.005
	29.00	68.2	44.7	124.77	2.4828	0.005
	30.00	68.7	45.2	124.81	2.4333	0.005
	31.00	69.2	45.7	124.85	2.3871	0.005
	32.00	69.8	46.3	124.89	2.3438	0.005
	33.00	70.2	46.8	124.93	2.3030	0.005
	34.00	70.9	47.4	124.98	2.2647	0.005
	35.00	71.4	47.9	125.01	2.2286	0.005
	36.00	72.1	48.6	125.05	2.1944	0.005
	37.00	72.6	49.1	125.09	2.1622	0.005
	38.00	73.3	49.8	125.14	2.1316	0.005
	39.00	74.0	50.5	125.17	2.1026	0.005
	40.00	74.8	51.3	125.21	2.0750	0.006
	41.00	75.5	52.0	125.25	2.0488	0.006
	42.00	76.4	52.9	125.29	2.0238	0.006

162895

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9551 DST #4 Huck #1-31 CrossBar Pet. Inc.

DATE: 10/20/96

TIME: 20:00:33

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	43.00	77.1	53.6	125.33	2.0000	0.006
	44.00	77.9	54.4	125.37	1.9773	0.006
	45.00	78.8	55.3	125.41	1.9556	0.006
	46.00	79.8	56.3	125.45	1.9348	0.006
	47.00	80.6	57.1	125.48	1.9149	0.006
	48.00	81.5	58.0	125.52	1.8958	0.007
	49.00	82.3	58.8	125.56	1.8776	0.007
	50.00	83.2	59.7	125.60	1.8600	0.007
	51.00	98.8	75.3	125.64	1.8431	0.01
	52.00	98.7	75.2	125.67	1.8269	0.01
	53.00	99.3	75.8	125.70	1.8113	0.01
	54.00	99.9	76.4	125.75	1.7962	0.01
	55.00	100.7	77.2	125.79	1.7818	0.010
	56.00	101.4	77.9	125.83	1.7679	0.010
	57.00	102.1	78.6	125.85	1.7544	0.010
	58.00	103.0	79.5	125.89	1.7414	0.011
	59.00	103.9	80.4	125.93	1.7288	0.011
***** End Shut-in 2	60.00	104.8	81.3	125.97	1.7167	0.011
***** Final Hydro.	272.00	2229.2	0.0	126.38		