

DRILL-STEM TEST DATA

Well Name:	R & R CATTLE CO #1-8			
Company :	HALLIBURTON OIL CO			
Location - Sec:	8	Twtp:	25S	Rgc: 9W
County:	RENO	State:	KS	
Date:	07/26/95			

TRILOBITE TESTING L.L.C.

OPERATOR : HALLIBURTON OIL PROD CO
WELL NAME: R & R CATTLE CO. #1-8
LOCATION : 8-25S-9W, RENO COUNTY KS
INTERVAL : 3850.00 To 3880.00 ft

DATE 7-26-95
KB 1712.00 ft
GR 1704.00 ft
TD 3880.00 ft

TICKET NO: 8329
FORMATION: MISSISSIPPI
TEST TYPE: CONVENTIONAL

DST #1

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	AK-1	AK-1	ALPINE			PF Fr. 15 to hr
SI 30 Range(Psi)	4650.0	4650.0	4995.0	0.0	0.0	IS Fr. 30 to hr
SF 30 Clock(hrs)	22993	22993				SF Fr. 30 to hr
FS 60 Depth(ft)	3877.0	3877.0	3855.0	0.0	0.0	FS Fr. to 1.0 hr

	Field	1	2	3	4	
A. Init Hydro	0.0	1909.0	1910.0	0.0	0.0	T STARTED 0634 hr
B. First Flow	0.0	23.0	17.0	0.0	0.0	T ON BOTM 0811 hr
B1. Final Flow	0.0	24.0	22.0	0.0	0.0	T OPEN 0816 hr
C. In Shut-in	0.0	100.0	114.0	0.0	0.0	T PULLED 1031 hr
D. Init Flow	0.0	23.0	24.0	0.0	0.0	T OUT 1159 hr
E. Final Flow	0.0	26.0	31.0	0.0	0.0	
F. Fl Shut-in	0.0	254.0	264.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	0.0	1895.0	1888.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 26000.00 lbs
						Wt Pulled Loose 44000.00 lbs
						Initial Str Wt 40000.00 lbs
						Unseated Str Wt 40000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 3840.00 ft

RECOVERY

Tot Fluid 20.00 ft of 0.00 ft in DC and 20.00 ft in DP
20.00 ft of DRILLING MUD
0.00 ft of OIL SCUM AT TOP OF TOOL.
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of

EST FT OF PAY 9'

SALINITY 5000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

INITIAL BLOW -

FAIR BLOW, SLOW INCREASE TO 10" WATER

FINAL BLOW -

WEAK TO FAIR BLOW, 1"-6" WATER

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	CHEMICAL
Weight	9.60 lb/c
Vis.	49.00 S/L
W.L.	10.00 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	116.00 F
Hole Condition	GOOD
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	NONE
Reversed Out N	
Tool Chased N	

Tester GARY PEVOTEAUX
Co. Rep. DAN FREDLUND
Contr. DUKE DRLG.
Rig # 2
Unit #
Pump T.

Test Successful: Y

TEST HISTORY

8329 DST#1 R&R CATTLE CO.#11-8 HALLIBURTON PROD.CO.

Flag Points

t(Min.) P(PSig)

A: 0.00 1910.10
 B: 0.00 16.61
 C: 14.00 22.15
 D: 30.00 114.22
 E: 0.00 24.16
 F: 30.00 30.79
 G: 58.00 264.20
 Q: 0.00 1687.95

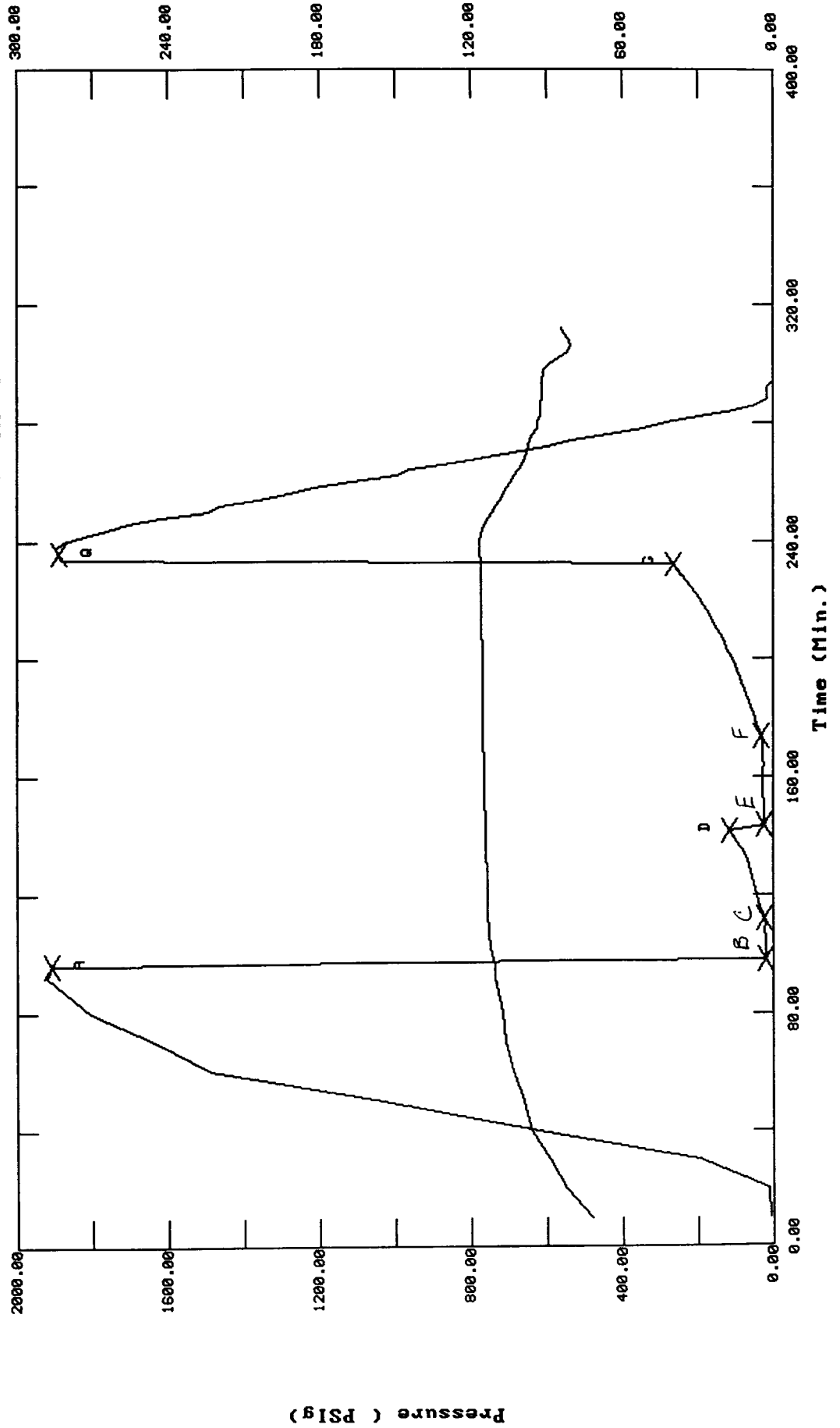
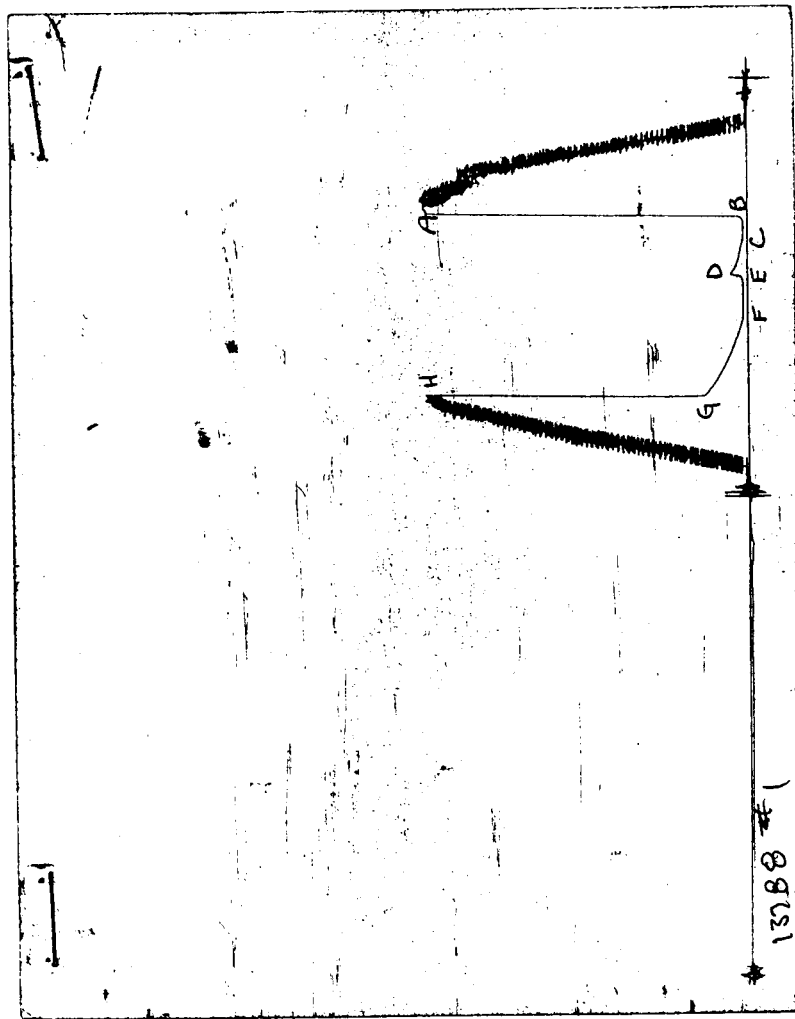


CHART PAGE



This is an actual photograph of recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

EST: 8329 DST#1 R&R CATTLE CO.#1-8 HALLIBURTON PROD.CO.

DATE: 07/26/95

TIME: 06:34:28

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
**** Initial Hydro.	96.00	1910.1	0.0	110.60		
**** Start Flow 1	0.00	16.6	0.0	110.72		
	2.00	18.0	1.4	111.26		
	4.00	18.8	2.2	111.88		
	6.00	19.4	2.8	112.38		
	8.00	19.8	3.2	112.63		
	10.00	20.6	4.0	112.81		
	12.00	19.6	3.0	112.93		
**** End Flow 1	14.00	22.1	5.5	113.01		
**** Start Shutin 1	0.00	22.1	0.0	113.01	0.0000	0.000
	2.00	28.1	6.0	113.09	8.0000	0.001
	4.00	33.5	11.3	113.18	4.5000	0.001
	6.00	38.5	16.4	113.24	3.3333	0.001
	8.00	43.2	21.1	113.30	2.7500	0.002
	10.00	47.7	25.6	113.37	2.4000	0.002
	12.00	51.7	29.5	113.43	2.1667	0.003
	14.00	55.1	33.0	113.49	2.0000	0.003
	16.00	58.3	36.2	113.55	1.8750	0.003
	18.00	61.3	39.1	113.61	1.7778	0.004
	20.00	66.0	43.9	113.67	1.7000	0.004
	22.00	75.0	52.9	113.69	1.6364	0.006
	24.00	84.3	62.2	113.74	1.5833	0.007
	26.00	94.0	71.8	113.78	1.5385	0.009
	28.00	103.8	81.7	113.83	1.5000	0.011
**** End Shut-in 1	30.00	114.2	92.1	113.87	1.4667	0.013
**** Start Flow 2	0.00	24.2	0.0	113.92		
	2.00	23.6	-0.6	114.01		
	4.00	22.7	-1.4	114.13		
	6.00	23.1	-1.1	114.23		
	8.00	24.3	0.2	114.33		
	10.00	24.9	0.8	114.37		
	12.00	25.1	0.9	114.42		
	14.00	25.0	0.8	114.48		
	16.00	24.8	0.7	114.52		
	18.00	26.0	1.8	114.57		
	20.00	23.7	-0.4	114.63		
	22.00	26.1	1.9	114.68		
	24.00	25.8	1.6	114.74		
	26.00	25.7	1.5	114.86		
	28.00	25.6	1.4	115.00		
**** End Flow 2	30.00	30.8	6.6	115.02		
**** Start Shutin 2	0.00	30.8	0.0	115.02	0.0000	0.001
	2.00	36.2	5.5	115.05	23.0000	0.001
	4.00	41.6	10.8	115.08	12.0000	0.002
	6.00	47.0	16.2	115.10	8.3333	0.002
	8.00	52.3	21.5	115.13	6.5000	0.003
	10.00	57.6	26.8	115.15	5.4000	0.003
	12.00	63.1	32.3	115.19	4.6667	0.004
	14.00	68.8	38.0	115.20	4.1429	0.005
	16.00	74.8	44.0	115.23	3.7500	0.006
	18.00	80.6	49.9	115.25	3.4444	0.007

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

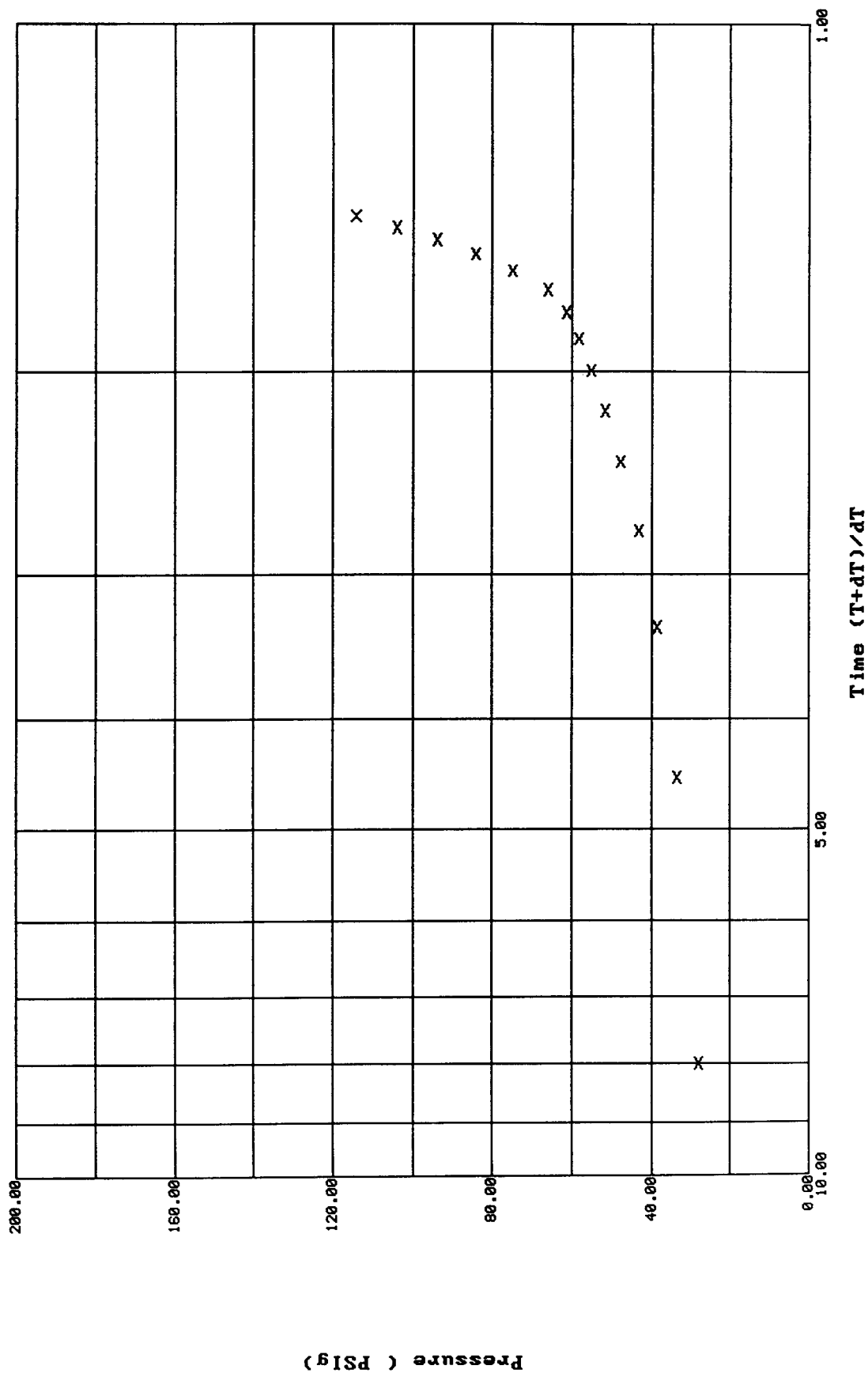
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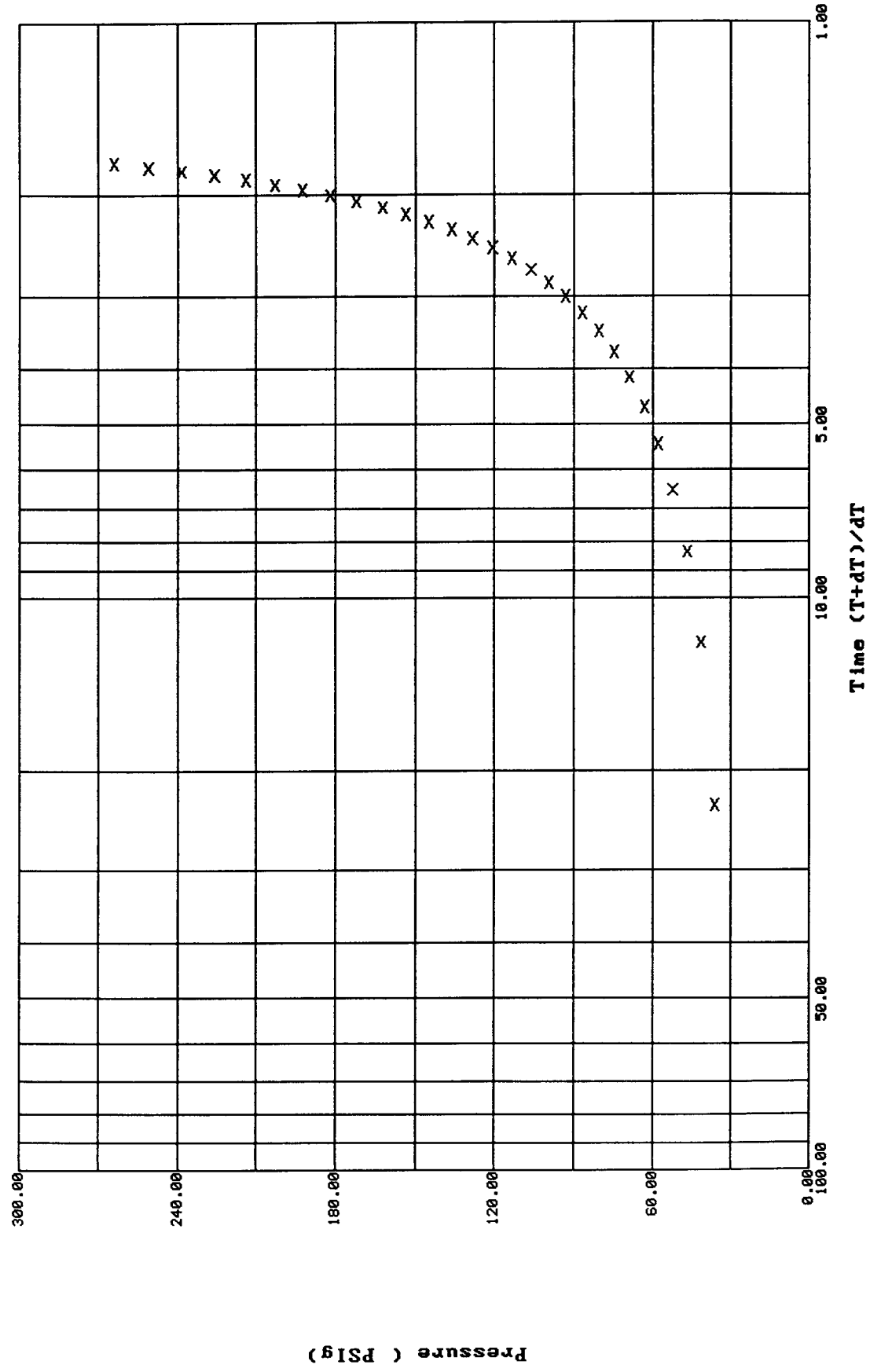
	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	20.00	86.7	55.9	115.27	3.2000	0.008
	22.00	93.0	62.2	115.29	3.0000	0.009
	24.00	99.5	68.7	115.30	2.8333	0.01
	26.00	106.3	75.5	115.34	2.6923	0.011
	28.00	113.4	82.6	115.36	2.5714	0.013
	30.00	120.8	90.0	115.39	2.4667	0.015
	32.00	128.4	97.6	115.40	2.3750	0.016
	34.00	136.4	105.6	115.43	2.2941	0.019
	36.00	144.8	114.0	115.46	2.2222	0.021
	38.00	153.6	122.8	115.49	2.1579	0.024
	40.00	162.6	131.8	115.52	2.1000	0.026
	42.00	172.1	141.3	115.55	2.0476	0.030
	44.00	181.9	151.2	115.57	2.0000	0.033
	46.00	192.4	161.6	115.60	1.9565	0.037
	48.00	203.0	172.2	115.64	1.9167	0.041
	50.00	214.2	183.4	115.67	1.8800	0.046
	52.00	225.9	195.1	115.68	1.8462	0.051
	54.00	238.2	207.4	115.72	1.8148	0.057
	56.00	250.9	220.1	115.75	1.7857	0.063
***** End Shut-in 2	58.00	264.2	233.4	115.79	1.7586	0.070
***** Final Hydro.	236.00	1887.9	0.0	116.05		

Horner Plot: shut-in #1 8329 DST#1 R&R CATTLE CO.#1-8 HALLIBURTON PROD.CO.



Horner Plot: shut-in #2

8329 DST#1 R&R CATTLE CO.#1-8 HALLIBURTON PROD.CO.



*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: R&R CATTLE CO.#1-8

LOCATION : 8-25S-9W

TICKET No. 8329 D.S.T. No. 1 DATE 7-26-95

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 30

TOTAL TOOL 52

DRILL COLLAR ANCHOR IN INTERVAL

C. ANCHOR STND.Stands Single Total

P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 52

C. ABOVE TOOLS.Stands Single Total

P. ABOVE TOOLS.Stands62 Single Total 3840

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3892

TOTAL DEPTH 3880

TOTAL DRILL PIPE ABOVE K.B. 12

REMARKS:

P.O. SUB

C.O. SUB 3828

S.I. TOOL H&T 3833

HMV STERLING 3839

JARS

SAFETY JOINT BOWEN 3841

PACKER TOP 3845

PACKER BTM. 3850

DEPTH 3850

STUBB 3851

ANCHOR

24 FT.PERFS FROM 3851

T.C.
DEPTH

24 FT.PERFS TO 3875

BULLNOSE

T.D. 5 FT.PERFORATED TO 3880