WESTERN TESTERS

Home Office: Wichita, Kansas 67201

P. O. Box 1599 (316) 838-0601

Company Dunne Inc. Lease & Well No. Dunne #1

Elevation - Formation Chester Effective Pay - Ft. Ticket No. 23652

Date 9-27-75 Sec. 11 Twp. 35S Range 23W County Clark State KS

Test Approved by Charles R. King Western Representative Bob Anthony

Formation Test No. #1 O.K. X Misrun - Interval Tested From 5960' to 6045' Total Depth 6045'

Size Main Hole 7 7/8 Rat Hole - Conv. X B.T. - Damaged - Yes X No Conv. - B.T. X Damaged - Yes X No

Top Packer Depth 5960 Ft. Size 6 3/4 Bottom Packer Depth 6002 Ft. Size 6 3/4

Straddle 42' Conv. X B.T. - Damaged - Yes - No Packer Depth - Ft. Size -

Tool Size 5½OD Tool Joint Size 4½FH Anchor Length 42 Ft. Size 5½OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 5997 Ft. Clock No. 6899 Depth 6000 Ft. Clock No. 6895

Top Make Kuster Cap. 4000 No. 3660 Inside xxxxx Outside Bottom Make Kuster Cap. 4000 No. 3659 Inside xxxxx Outside

Below Straddle: Depth 6040 Rec. No. - Clock No. 9725 Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 8:35A. M

Tool Open I.F.P. From 8:40A M. to 9:10A M. 30 Min. From (B) 55 P.S.I. To (C) 87 P.S.I.

Tool Closed I.C.I.P. From 9:10A M. to 10:10A M. 1 Hr. - Min (D) 776 P.S.I.

Tool Open F.F.P. From 10:10A M. to 10:40A M. 30 Min. From (E) 75 P.S.I. To (F) 81 P.S.I.

Tool Closed F.C.I.P. From 10:40A M. to 11:40A M. 1 Hr. - Min. (G) 211 P.S.I.

Initial Hydrostatic Pressure (A) 3190 P.S.I. Final Hydrostatic Pressure (H) 3160 P.S.I. Maximum Temp. 116

INFORMATION

BLOW Very Weak Decreasing blow died in 13 minutes on initial flow period.

Did Well Flow - Yes X No Recovery Total Ft. 20' drilling mud

Reversed Out - Yes X No Mud Type Starch Viscosity 51 Weight 9.7 Water Loss 10.2 cc. Chlorides 21,000 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint - Jars: Size 3½ In. Make WTC Ser. No. 405

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR Rine Drilling Co. #8 Length Drill Pipe? 5222 Ft. I.D. Drill Pipe 3.7 In. Tool Joint Size 4½FH In.

Length Weight Pipe 326 Ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4½XH In. Length Drill Collars 445 Ft. I.D. Drill Collars 2.7 In.

Tool Joint Size 4-H90 In. Length D.S.T. Tool 75 Ft.

Remarks:

Tool was flushed on second opening

FORM WTC 3

WESTERN TESTING CO., INC.

Pressure Data

Date 9-27-75 Test Ticket No. 23652

Recorder No. 3660 Capacity 4000 Location 5997 Ft.

Clock No. 6899 Elevation - Well Temperature 116 °F

Point		Pressure	
A	Initial Hydrostatic Mud	3190	P.S.I.
B	First Initial Flow Pressure	55	P.S.I.
C	First Final Flow Pressure	87	P.S.I.
D	Initial Closed-in Pressure	776	P.S.I.
E	Second Initial Flow Pressure	75	P.S.I.
F	Second Final Flow Pressure	81	P.S.I.
G	Final Closed-in Pressure	211	P.S.I.
H	Final Hydrostatic Mud	3160	P.S.I.

	Time Given	Time Computed
Open Tool	8:35A. M.	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	60 Mins.	54 Mins.
Second Flow Pressure	30 Mins.	30 Mins.
Final Closed-in Pressure	60 Mins.	63 Mins.

PRESSURE BREAKDOWN

First Flow Pressure

Breakdown: 6 Inc. of 5 mins. and a final inc. of 0 Min.

Point Mins.	Press.
P 1 0	55
P 2 5	69
P 3 10	77
P 4 15	81
P 5 20	81
P 6 25	83
P 7 30	87
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In

Breakdown: 18 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	87
3	95
6	105
9	121
12	146
15	178
18	211
21	251
24	298
27	346
30	395
33	443
36	506
39	550
42	597
45	649
48	694
51	736
54	776

Second Flow Pressure

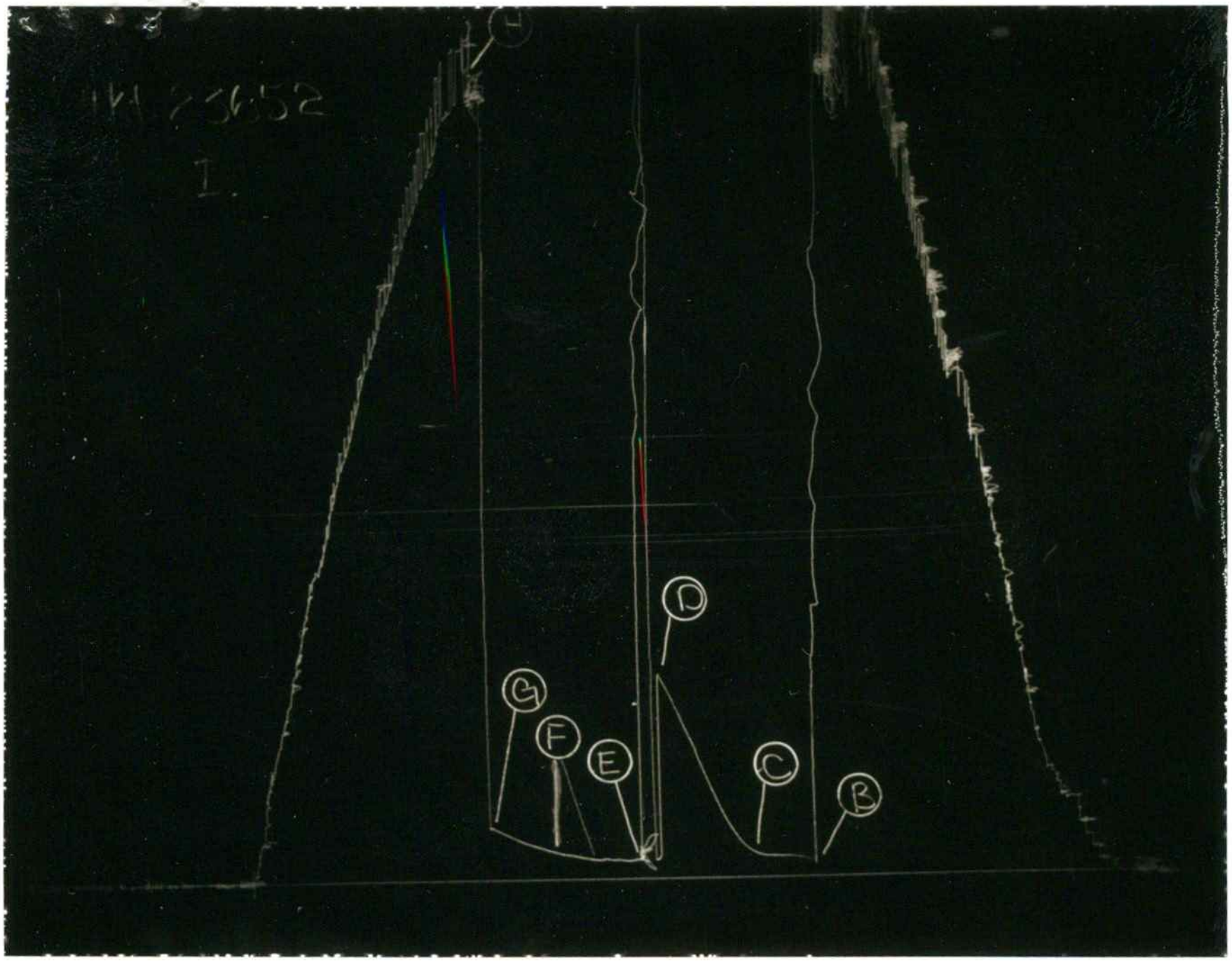
Breakdown: 6 Inc. of 5 mins. and a final inc. of 0 Min.

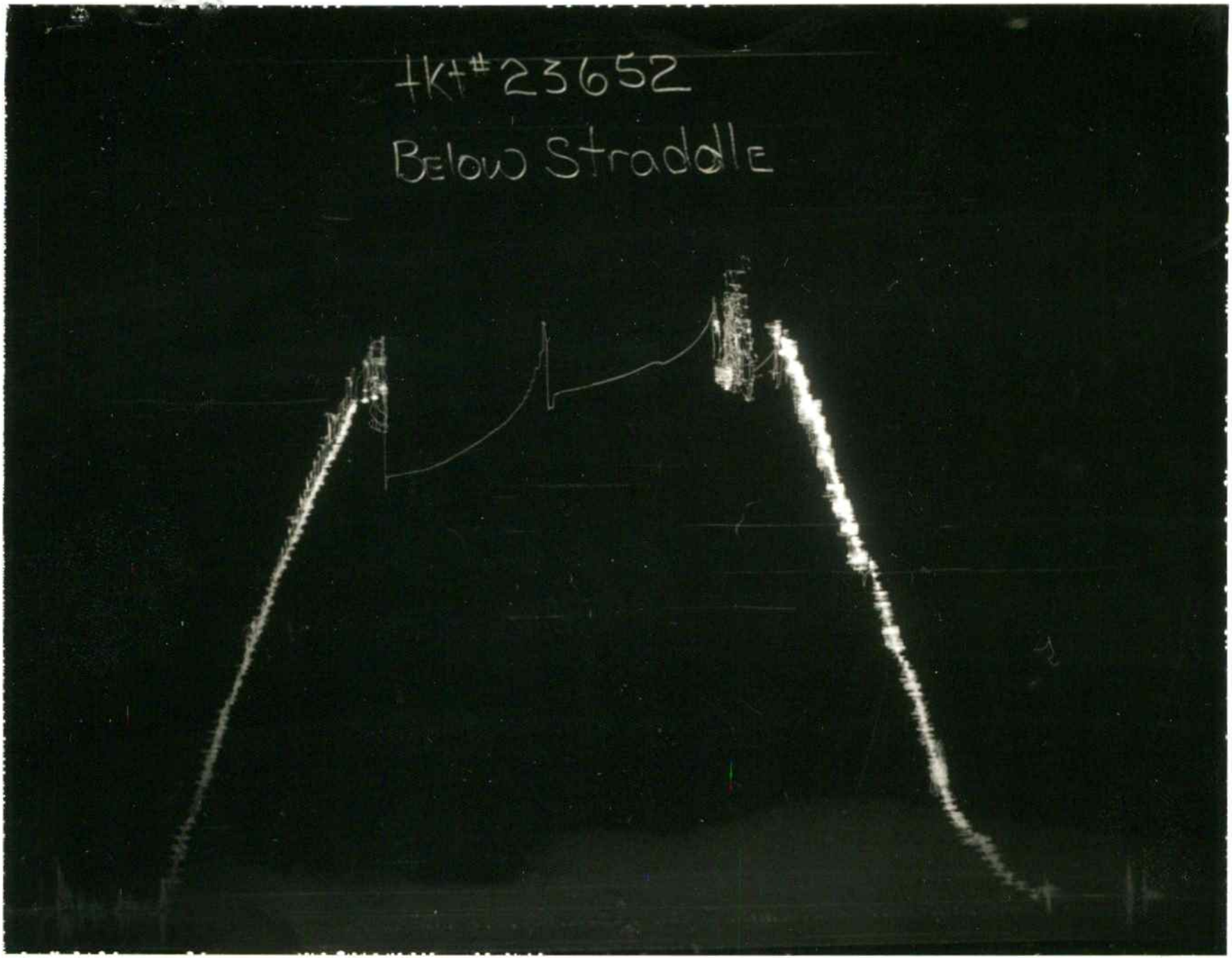
Point Minutes	Press.
0	75
5	Flushed Tool
10	77
15	73
20	75
25	77
30	81

Final Shut-In

Breakdown: 21 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	81
3	77
6	79
9	85
12	89
15	91
18	97
21	99
24	101
27	107
30	115
33	121
36	128
39	134
42	140
45	150
48	158
51	168
54	180
57	190
60	200
63	211


A
D
G
F
E
C
B


Tkt# 23652
Below Straddle