Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company A. L. Frazier Lease & Well No. Lesperance #1

Elevation 1168 Kelly Bush Formation Kansas City Effective Pay - Ft. Ticket No. 22604

Date 9-10-77 Sec. 32 Twp. 34S Range 2E County Sumner State Kansas

Test Approved by Lee Denny Western Representative Tim Wilson

Formation Test No. 1 O.K. X Misrun - Interval Tested From 3055' to 3095' Total Depth 3095'

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

Top Packer Depth - Ft. Size - Bottom Packer Depth 3055 Ft. Size 6 3/4

Straddle - Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -

Tool Size 5½OD Tool Joint Size 4½FH Anchor Length 40 Ft. Size 5½OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 3058 Ft. Clock No. 8474 Depth 3061 Ft. Clock No. 9727

Top Make Kuster Cap. 3150 No. 1562 ~~Outside~~ Inside Bottom Make Kuster Cap. 3200 No. 1561 ~~Inside~~ Outside

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

Time Set Packer 5:47P M

Tool Open I.F.P. From 5:50P M. to 6:40P M. - Hr. 50 Min. From (B) 76 P.S.I. To (C) 247 P.S.I.

Tool Closed I.C.I.P. From 6:40P M. to 7:30P M. - Hr. 50 Min (D) 984 P.S.I.

Tool Open F.F.P. From - M. to - M. - Hr. - Min. From (E) - P.S.I. To (F) - P.S.I.

Tool Closed F.C.I.P. From - M. to - M. - Hr. - Min. (G) - P.S.I.

Initial Hydrostatic Pressure (A) 1623 P.S.I. Final Hydrostatic Pressure (H) 1575 P.S.I. Maximum Temp. 114

INFORMATION

BLOW Strong blow throughout test.

Did Well Flow - Yes X No Recovery Total Ft. 500' gas in pipe, 20' heavy gas and oil cut mud, 60' gas and oil cut muddy salt water, 60' slightly gas cut salt water, 240' salt water, 120' slightly gas and oil cut drilling mud, 500' total fluid.

Reversed Out - Yes X No Mud Type Chem Viscosity 36 Weight 10.0 Water Loss 12.8 cc. Chlorides 3,000 p.p.m.

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

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

DRILLING CONTRACTOR White & Ellis Drlg. Length Drill Pipe? 2812 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½FH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 229 Ft. I.D. Drill Collars 2¼ In.

Tool Joint Size 4"H-90 In. Length D.S.T. Tool 54 Ft.

Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 9-10-77 Test Ticket No. 22604

Recorder No. 1562 Capacity 3150 Location 3058 Ft.

Clock No. 8474 Elevation 1168 Kelly Bushing Well Temperature 114 °F

Point		Pressure	
A	Initial Hydrostatic Mud	1623	P.S.I.
B	First Initial Flow Pressure	76	P.S.I.
C	First Final Flow Pressure	247	P.S.I.
D	Initial Closed-in Pressure	984	P.S.I.
E	Second Initial Flow Pressure	not taken	P.S.I.
F	Second Final Flow Pressure	not taken	P.S.I.
G	Final Closed-in Pressure	not taken	P.S.I.
H	Final Hydrostatic Mud	1575	P.S.I.

	Time Given	Time Computed
Open Tool	5:47P M	
First Flow Pressure	50 Mins.	45 Mins.
Initial Closed-in Pressure	50 Mins.	54 Mins.
Second Flow Pressure	- Mins.	- Mins.
Final Closed-in Pressure	- Mins.	- Mins.

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point	Mins.	Press.
P 1	0	76
P 2	5	93
P 3	10	117
P 4	15	141
P 5	20	163
P 6	25	184
P 7	30	200
P 8	35	217
P 9	40	233
P10	45	247
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.

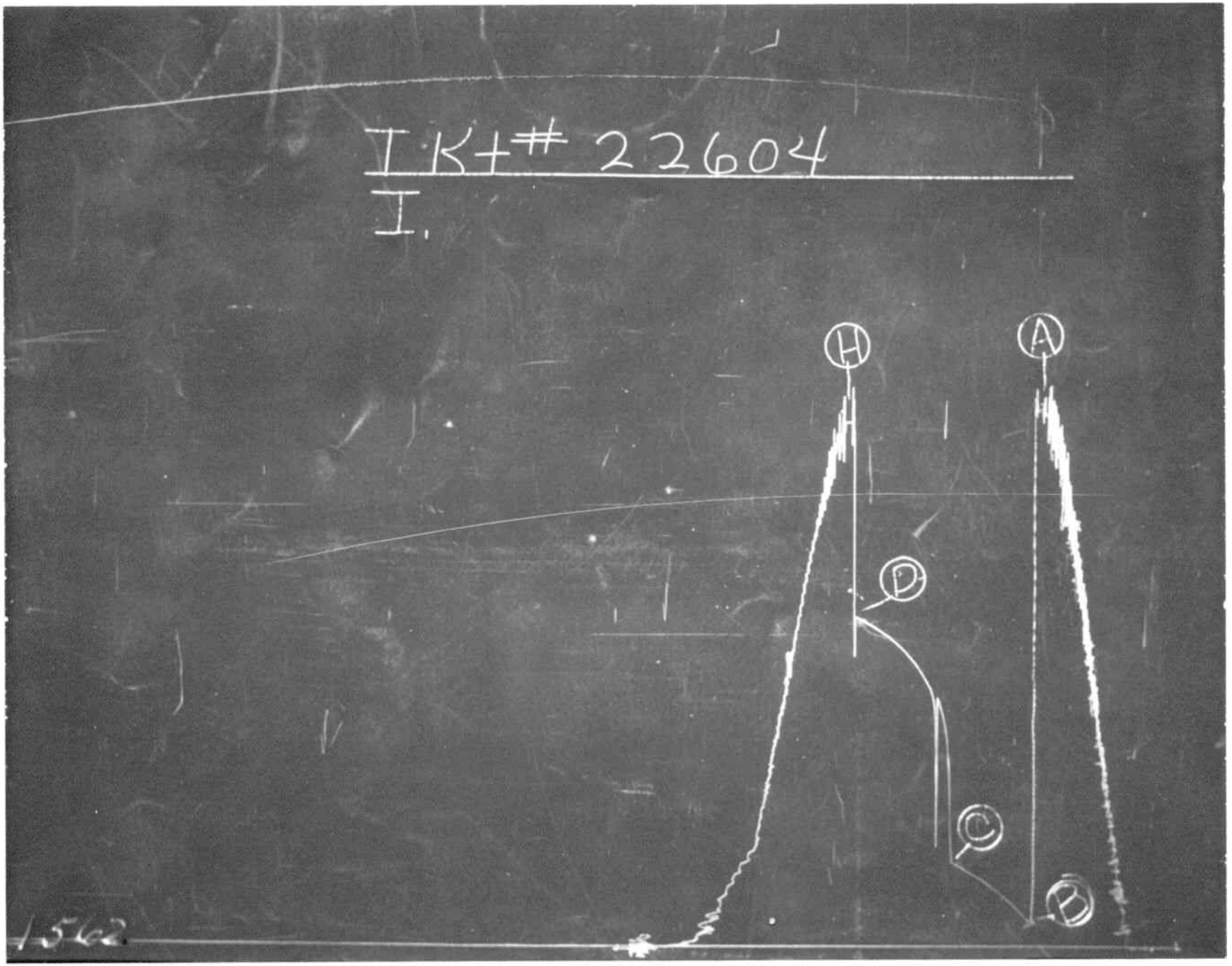
Point	Minutes	Press.
	0	247
	3	579
	6	690
	9	739
	12	748
	15	786
	18	816
	21	841
	24	862
	27	880
	30	894
	33	911
	36	925
	39	936
	42	947
	45	958
	48	966
	51	976
	54	984

Second Flow Pressure
Breakdown: Inc.
of mins. and a
final inc. of Min.

Point	Minutes	Press.

Final Shut-In
Breakdown: Inc.
of mins. and a
final inc. of Min.

Point	Minutes	Press.


IK+# 22604
I.
H
A
D
C
B
1562

WESTERN TESTERS

Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company A. L. Frazier Lease & Well No. Lesperance #1

Elevation 1168 Kelly Bush. Formation Mississippi Effective Pay - Ft. Ticket No. 22605

Date 9-12-77 Sec. 32 Twp. 34S Range 2E County Sumner State Kansas

Test Approved by Lee Denny Western Representative Tim Wilson

Formation Test No. 2 O.K. X Misrun - Interval Tested From 3491' to 3511' Total Depth 3511'

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

Top Packer Depth 3480 Ft. Size 6 3/4 Bottom Packer Depth 3491 Ft. Size 6 3/4

Straddle - Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -

Tool Size 5½OD Tool Joint Size 4½FH Anchor Length 20 Ft. Size 5½OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 3504 Ft. Clock No. 8474 Depth 3507 Ft. Clock No. 9727

Top Make Kuster Cap. 3150 No. 1562 ~~Inside~~ Outside Bottom Make Kuster Cap. 3200 No. 1561 ~~Inside~~ Outside

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

Time Set Packer 10:32A M

Tool Open I.F.P. From 10:35A M. to 11:35A M. - Hr. 60 Min. From (B) 33 P.S.I. To (C) 47 P.S.I.

Tool Closed I.C.I.P. From 11:35A M. to 12:35A M. - Hr. 60 Min (D) 419 P.S.I.

Tool Open F.F.P. From - M. to - M. - Hr. - Min. From (E) - P.S.I. To (F) - P.S.I.

Tool Closed F.C.I.P. From - M. to - M. - Hr. - Min. (G) - P.S.I.

Initial Hydrostatic Pressure (A) 1881 P.S.I. Final Hydrostatic Pressure (H) 1839 P.S.I. Maximum Temp. 115

INFORMATION

BLOW Very weak throughout test/

Did Well Flow - Yes X No Recovery Total Ft. 40' drilling mud with slight rainbow.

Reversed Out - Yes X No Mud Type Chem Viscosity 47 Weight 9.8 Water Loss 12.0 cc. Chlorides 3,600p.p.m.

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

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

DRILLING CONTRACTOR White & Ellis Rig #2 Length Drill Pipe? 3265 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½FH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 200 Ft. I.D. Drill Collars 2¼ In.

Tool Joint Size 4H-90 In. Length D.S.T. Tool 46 Ft.

Remarks: Pressures from recorder #1561

WESTERN TESTING CO., INC.

Pressure Data

Date 9-12-77 Test Ticket No. 22605

Recorder No. 1561 Capacity 3200 Location 3507 Ft.

Clock No. 9727 Elevation 1168 Kelly Bushing Well Temperature 115 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1881 P.S.I.		Open Tool	10:32A M	
B	First Initial Flow Pressure	33 P.S.I.		First Flow Pressure	60 Mins.	65 Mins.
C	First Final Flow Pressure	47 P.S.I.		Initial Closed-in Pressure	60 Mins.	54 Mins.
D	Initial Closed-in Pressure	419 P.S.I.		Second Flow Pressure	- Mins.	- Mins.
E	Second Initial Flow Pressure	not taken P.S.I.		Final Closed-in Pressure	- Mins.	- Mins.
F	Second Final Flow Pressure	not taken P.S.I.				
G	Final Closed-in Pressure	not taken P.S.I.				
H	Final Hydrostatic Mud	1839 P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 13 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	33
P 2 5	31
P 3 10	32
P 4 15	34
P 5 20	36
P 6 25	38
P 7 30	38
P 8 35	39
P 9 40	41
P10 45	43
P11 50	44
P12 55	44
P13 60	44
P14 65	47
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 18 Inc.
of 3 mins. and a
final inc. of 0 Min.

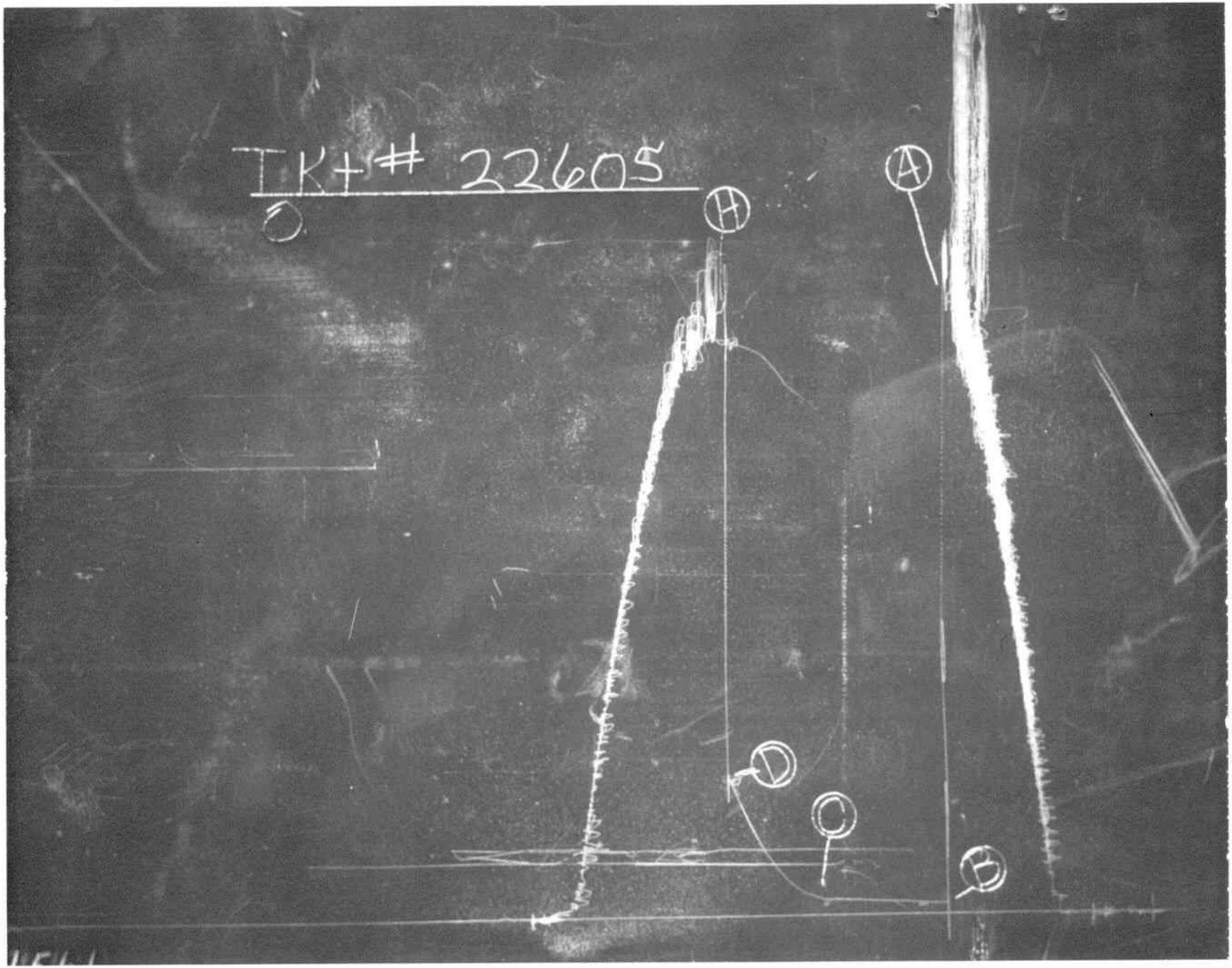
Point Minutes	Press.
0	47
3	49
6	57
9	61
12	66
15	77
18	89
21	104
24	122
27	143
30	159
33	183
36	203
39	236
42	268
45	303
48	341
51	375
54	419

Second Flow Pressure
Breakdown: Inc.
of mins. and a
final inc. of Min.

Point Minutes	Press.

Final Shut-In
Breakdown: Inc.
of mins. and a
final inc. of Min.

Point Minutes	Press.


TK# 22605
H
A
D
C
B