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

Company Crowe Drilling Company Lease & Well No. Blair B-1

Elevation 1452 Kelly Bush. Formation Mississippi Effective Pay - Ft. Ticket No. 24245

Date 8-25-75 Sec. 35 Twp. 29S Range 6E County Butler State Kansas

Test Approved by George A. McCaleb Western Representative Forrest Purnell

Formation Test No. 1 O.K. X Misrun - Interval Tested From 2872' to 2885' Total Depth 2885'

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 2867 Ft. Size 6 3/4 Bottom Packer Depth 2872 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 13 Ft. Size 5½OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 2876 Ft. Clock No. 6800 Depth 2879 Ft. Clock No. 6859

Top Make Kuster Cap. 4200 No. 1559 Inside Outside Bottom Make Kuster Cap. 3150 No. 1565 Inside Outside

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

Time Set Packer 9:42 P M

Tool Open I.F.P. From 9:45P M. to 10:15P M. - Hr. 30 Min. From (B) 6 P.S.I. To (C) 6 P.S.I.

Tool Closed I.C.I.P. From 10:15P M. to 11:00P M. - Hr. 45 Min (D) 56 P.S.I.

Tool Open F.F.P. From 11:00P M. to 11:45P M. - Hr. 45 Min. From (E) 14 P.S.I. To (F) 14 P.S.I.

Tool Closed F.C.I.P. From 11:45P M. to 12:30A M. - Hr. 45 Min. (G) 48 P.S.I.

Initial Hydrostatic Pressure (A) 1453 P.S.I. Final Hydrostatic Pressure (H) 1439 P.S.I. Maximum Temp. 108

INFORMATION

BLOW Weak ½" blow to very weak blow throughout test.

Did Well Flow - Yes X No Recovery Total Ft. 30' gas, 30' heavy oil cut drilling mud.

Reversed Out - Yes X No Mud Type Chemical Viscosity 49 Weight 9.7 Water Loss 12.0 cc. Chlorides 1400 PPM

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 Crowe Drilling Company Length Drill Pipe? 1995 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½XH In.

Length Weight Pipe 790 Ft. I.D. Weight Pipe 2.7 In. Tool Joint Size 4½FH In. Length Drill Collars 60 Ft. I.D. Drill Collars 2¼ In.

Tool Joint Size 4½H-90 In. Length D.S.T. Tool 34 Ft.

Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 8-25-75 Test Ticket No. 24245

Recorder No. 1559 Capacity 4200 Location 2876 Ft.

Clock No. 6800 Elevation 1452 Kelly Bushing Well Temperature 108 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1453 P.S.I.	Open Tool	9:42 P M	
B First Initial Flow Pressure	6 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	6 P.S.I.	Initial Closed-in Pressure	45 Mins.	42 Mins.
D Initial Closed-in Pressure	56 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	14 P.S.I.	Final Closed-in Pressure	45 Mins.	42 Mins.
F Second Final Flow Pressure	14 P.S.I.			
G Final Closed-in Pressure	48 P.S.I.			
H Final Hydrostatic Mud	1439 P.S.I.			

PRESSURE BREAKDOWN

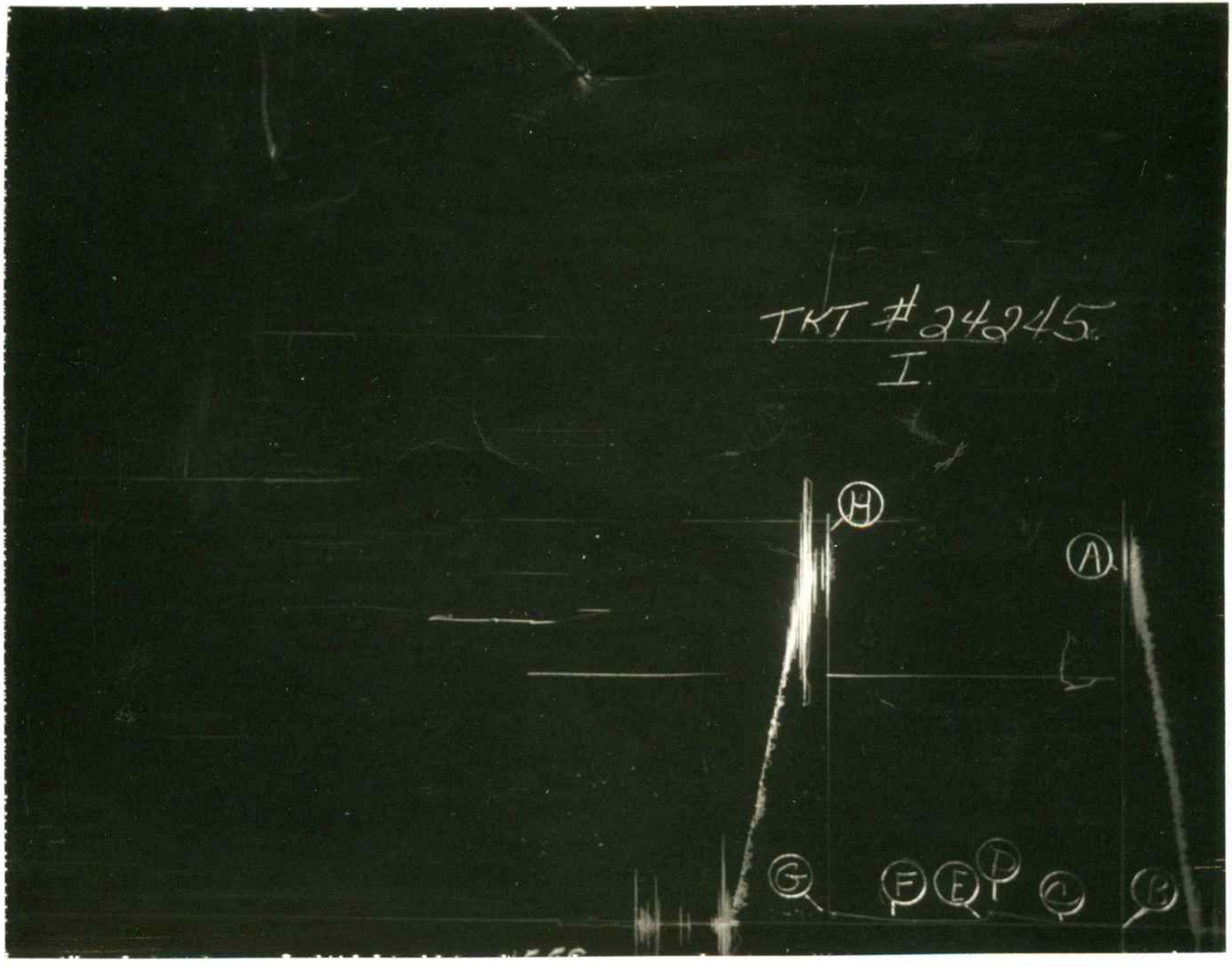
First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 14 Inc.
of 3 mins. and a
final inc. of 0 Min.

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

Final Shut-In
Breakdown: 14 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point	First Flow Pressure Mins.	First Flow Pressure Press.	Initial Shut-In Minutes	Initial Shut-In Press.	Second Flow Pressure Minutes	Second Flow Pressure Press.	Final Shut-In Minutes	Final Shut-In Press.
P 1	0	6	0	6	0	14	0	14
P 2	5	6	3	10	5	14	3	16
P 3	10	6	6	14	10	14	6	20
P 4	15	6	9	16	15	14	9	20
P 5	20	6	12	20	20	14	12	22
P 6	25	6	15	22	25	14	15	25
P 7	30	6	18	25	30	14	18	27
P 8			21	29	35	14	21	27
P 9			24	31	40	14	24	30
P10			27	35	45	14	27	33
P11			30	39			30	35
P12			33	43			33	39
P13			36	48			36	41
P14			39	50			39	45
P15			42	56			42	48
P16								
P17								
P18								
P19								
P20								


TKT #24245.
I.
H
A
G
F
E
D
C
B