15-163-20057

27-10s-17w

WESTERN TESTERS

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company Allison & Black Lease & Well No. Schrandt # 1

Elevation 2065 Kelly Bushings Formation Kansas City Effective Pay Ft. Ticket No. 10145

Date 12-2-67 Sec. 27 Twp. 10s Range 17w County Rooks State Kansas

Test Approved by Jim Lahar Western Representative Gordon Young

Formation Test No. 1 O.K. X Misrun Interval Tested From 3377' to 3400' Total Depth 3400'

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

Packer Depth 3372 Ft. Size 6 3/4 Packer Depth 3377 Ft. Size 6 3/4

Straddle Yes No Conv. B.T. Damaged Yes No

Packer Depth Ft. Size

Tool Size 5½"OD Tool Jt. Size 4½"FH Anchor Length 23 Ft. Size 5½"OD

RECORDERS Depth 3390 Ft. Clock No. 9102 Depth 3383 Ft. Clock No. 8377

Top Make Kuster Cap. 4150 No. 2605 Inside Outside Bottom Make Kuster Cap. 4200 No. 1559 Inside Outside

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

Top Make Cap. No. Inside Outside Bottom Make Cap. No. Inside Outside

Time Set Packer 10:04 P. M

Tool Open I.F.P. From 10:06 M. to 10:36 PM. Hr. 30 Min. From (B) 118 P.S.I. To (C) 118 P.S.I.

Tool Closed I.C.I.P. From 10:36 M. to 11:06 PM. Hr. 30 Min. (D) 862 P.S.I.

Tool Open F.F.P. From 11:06 M. to 11:36 PM. Hr. 30 Min. From (E) 143 P.S.I. To (F) 143 P.S.I.

Tool Closed F.C.I.P. From 11:36 M. to 12:06 AM. Hr. 30 Min. (G) 831 P.S.I.

Initial Hydrostatic Pressure (A) 1856 P.S.I. Final Hydrostatic Pressure (H) 1823 P.S.I.

SURFACE INFORMATION	Size Choke	Max. Press. P.S.I.	Time	Description of Flow
	3/4 In.		M.	
			M.	
			M.	

BLOW Fair. Bottom Choke Size 3/4 In.

Did Well Flow Yes X No Recovery Total Ft. 135 feet drilling mud; 60 feet muddy water;

Reversed Out Yes No Mud Type starch Viscosity 40 Weight 10 Water Loss 12 cc. Maximum Temp. 100 °F

EXTRA EQUIPMENT: Dual Packers yes Safety Joint Jars: Size Make Ser. No.

Type Circ. Sub plug Did Tool Plug? Where? Did Packer Hold?

Length Drill Pipe 3365 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe ft. I.D. Weight Pipe in. Length Drill Collars ft.

I. D. Drill Collars in. Length D.S.T. Tool 43 ft.

Remarks Slid tool 210 feet to bottom.

WESTERN TESTING CO., INC.
Pressure Data

Date 12-2-67 Test Ticket No. 10145

Recorder No. 2605 Capacity 4150 Location 3390 Ft.

Clock No. 9102 Elevation 2065 Kelly Bushings Well Temperature 100 °F

Point		Pressure	
A	Initial Hydrostatic Mud	1856	P.S.I.
B	First Initial Flow Pressure	118	P.S.I.
C	First Final Flow Pressure	118	P.S.I.
D	Initial Closed-in Pressure	862	P.S.I.
E	Second Initial Flow Pressure	183	P.S.I.
F	Second Final Flow Pressure	143	P.S.I.
G	Final Closed-in Pressure	1832	P.S.I.
H	Final Hydrostatic Mud		P.S.I.

	Time Given	Time Computed
Opened Tool	10:04 P. M	
First Flow Pressure	30 Mins.	29 Mins.
Initial Closed-in Pressure	30 Mins.	30 Mins.
Second Flow Pressure	30 Mins.	30 Mins.
Final Closed-in Pressure	30 Mins.	30 Mins.

PRESSURE BREAKDOWN

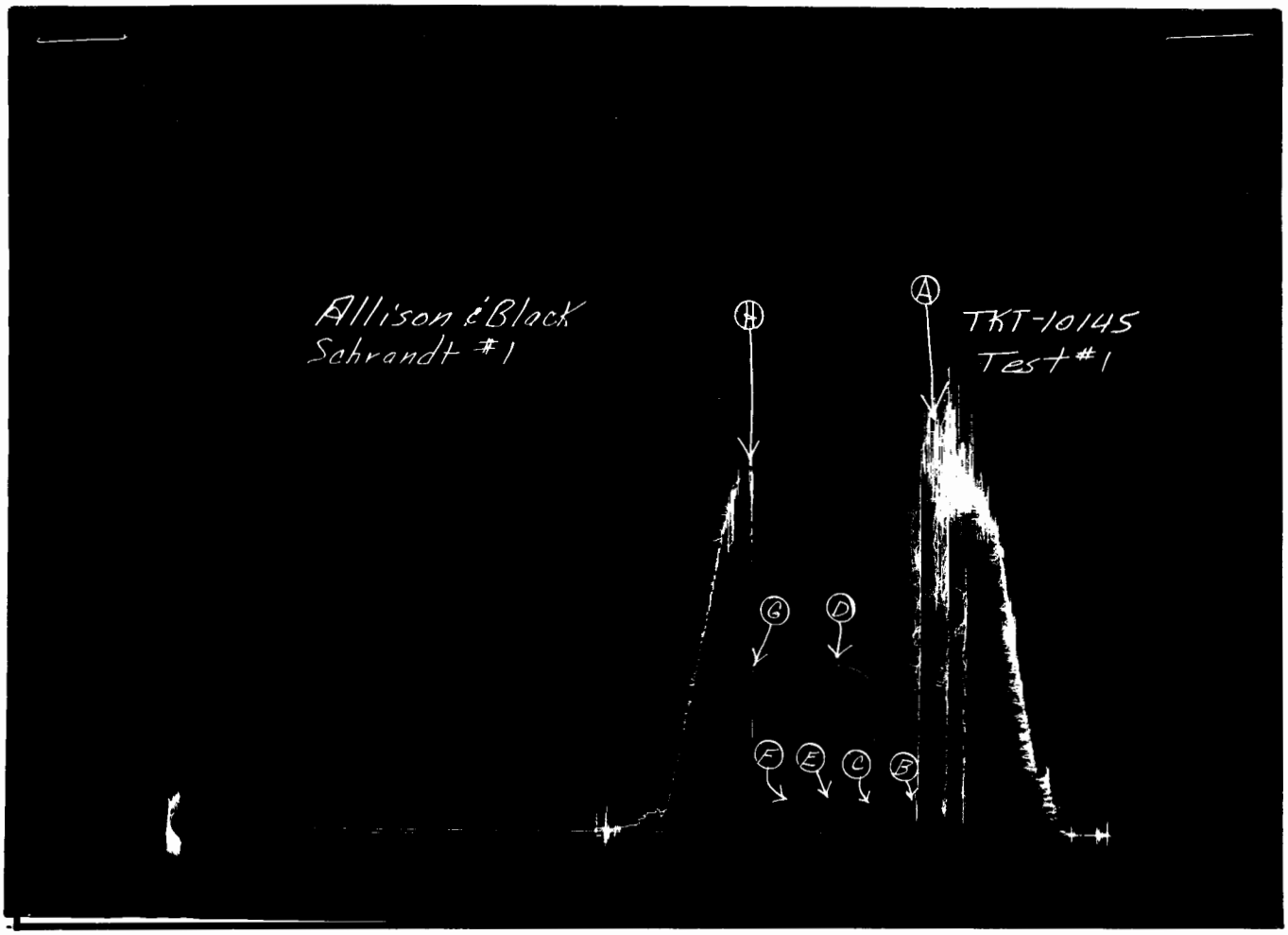
First Flow Press.
Breakdown: 5 Inc.
of 5 mins. and a
final inc. of 4 Min.

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of -- Min.

Second Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of -- Min.

Final Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of -- Min.

Point	Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	0	118	0	118	0	143	0	143
P 2	5	118	3	698	5	143	3	678
P 3	10	118	6	767	10	143	6	744
P 4	15	118	9	806	15	143	9	771
P 5	20	118	12	825	20	143	12	787
P 6	25	118	15	835	25	143	15	800
P 7	29	118	18	844	30	143	18	806
P 8			21	850			21	814
P 9			24	856			24	819
P10			27	858			27	827
P11			30	862			30	831
P12								
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1906	1856	PSI
(B)	First Initial Flow Pressure	116	118	PSI
(C)	First Final Flow Pressure	116	118	PSI
(D)	Initial Closed-in Pressure	865	862	PSI
(E)	Second Initial Flow Pressure	137	143	PSI
(F)	Second Final Flow Pressure	137	143	PSI
(G)	Final Closed-in Pressure	834	831	PSI
(H)	Final Hydrostatic Mud	1828	1823	PSI