



Home Office: Great Bend, Kansas
P. O. Box 793 SWift 3-7903

Company Bowers Drilling Company Lease & Well No. Axline #B-1
Elevation 1630 Kelly Bushings Formation Mississippi Ticket Number 6763
Date Dec. 16, 1966 Sec. 8 Twp. 31 Range 11 County Barber State Kansas
Test Approved by Robert E. McCann Western Representative Leon Elmore

Formation Test No. 1 O.K. Misrun Interval Tested From 4394' to 4421' Total Depth 4421'
Size Main Hole 7 7/8 at Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Packer Depth 4389 Ft. Size 6 3/4 Packer Depth 4394 Ft. Size 6 3/4

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

Tool Size 5 1/2 OD Tool Jt. Size 4 1/2 FH Anchor Length 27 Ft. Size 5 1/2 OD

RECORDERS Depth 4413 Ft. Clock No. 5665 Depth 4416 Ft. Clock No. 8378
Top Make Kuster Cap. 4400 No. 2603 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 5:02 P M
Tool Open I.F.P. From 5:04 M to 5:23 M Hr. 19 Min. From (B) 60 P.S.I. To (C) 60 P.S.I.
Tool Closed I.C.I.P. From 5:23 M. to 5:53 M. Hr. 30 Min. (D) 1150 P.S.I.
Tool Open F.F.P. From 5:53 M. to 6:53 M. Hr. 1 Min. From (E) 49 P.S.I. To (F) 49 P.S.I.
Tool Closed F.C.I.P. From 6:53 M. to 7:23 M. Hr. 30 Min. (G) 831 P.S.I.
Initial Hydrostatic Pressure (A) 2510 P.S.I. Final Hydrostatic Pressure (H) 2440 P.S.I.

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

BLOW Strong Bottom Choke Size 3/4 In.
Did Well Flow Yes No Recovery Total Ft. 60' gas cut mud

Reversed Out Yes No Mud Type starch Viscosity 45 Weight 10 Maximum Temp. 120 °F

EXTRA EQUIPMENT: Dual Packers Safety Joint Jars: Size Make Ser. No.
Type Circ. Sub. plug Did Tool Plug? no Where? Did Packer Hold? yes

Length Drill Pipe 3723 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 404 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars 84 ft.
I. D. Drill Collars 2 1/4 in. Length D.S.T. Tool 47 ft.

Remarks Gas to surface in 20 minutes. Too small to measure.

WESTERN TESTING CO., INC.

Pressure Data

Date December 16, 1966 Test Ticket No. 6763
 Recorder No. 2603 Capacity 4400 Location 4413 Ft.
 Clock No. 5665 Elevation 1630 Kelly Bushings Well Temperature 120 °F

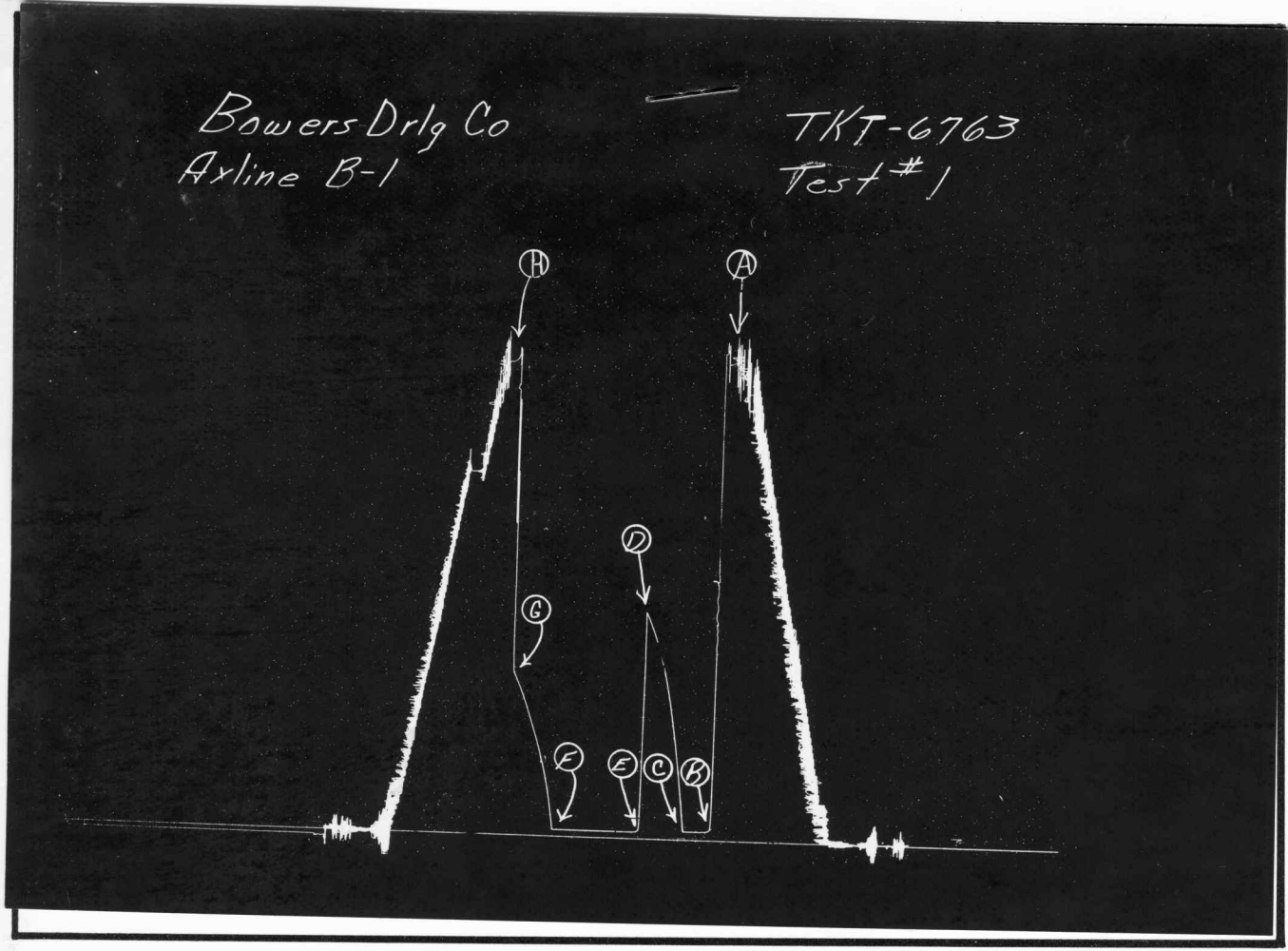
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2510	P.S.I.	5:02 P	
B First Initial Flow Pressure	60	P.S.I.	19	18
C First Final Flow Pressure	60	P.S.I.	30	30
D Initial Closed-in Pressure	1150	P.S.I.	60	59
E Second Initial Flow Pressure	49	P.S.I.	30	30
F Second Final Flow Pressure	49	P.S.I.		
G Final Closed-in Pressure	831	P.S.I.		
H Final Hydrostatic Mud	2440	P.S.I.		

PRESSURE BREAKDOWN

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>10</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>3</u> Min.		final inc. of <u>=</u> Min.		final inc. of <u>4</u> Min.		final inc. of <u>=</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	0	0	60	0	49	0	49
P 2	5	3	202	5	49	3	160
P 3	10	6	356	10	49	6	263
P 4	15	9	502	15	49	9	370
P 5	18	12	632	20	49	12	450
P 6		15	751	25	49	15	522
P 7		18	851	30	49	18	590
P 8		21	935	35	49	21	650
P 9		24	1006	40	49	24	719
P10		27	1071	45	49	27	767
P11		30	1150	50	49	30	831
P12				55	49		
P13				59	49		
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Bowers Drlg Co
Axline B-1

TKT-6763
Test #1



This is an actual photograph of recorder chart.

POINT	PRESSURE	
(A) Initial Hydrostatic Mud	2510	PSI
(B) First Initial Flow Pressure	60	PSI
(C) First Final Flow Pressure	60	PSI
(D) Initial Closed-in Pressure	1150	PSI
(E) Second Initial Flow Pressure	49	PSI
(F) Second Final Flow Pressure	49	PSI
(G) Final Closed-in Pressure	831	PSI
(H) Final Hydrostatic Mud	2440	PSI