15-009-30071

22-16s-11w

WESTERN TESTERS

Home Office: Great Bend, Kansas

P. O. Box 793 GLadstone 3-7903

Company John Hawley Lease & Well No. Stumps #1

Elevation 1913 Derrick Floor Formation Toronto Ticket Number 5933

Date May 9, 1965 Sec. 22 Twp. 16 Range 11w County Barton State Kansas

Test Approved by Charles I. Slagle Western Representative Ernest Luckert

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Formation Test No. 1 O.K. x Misrun Interval Tested From 2964' 3014' Total Depth 3014'

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 2959 Ft. Size 6 3/4 Packer Depth 2964 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 50 Ft. Size 5½ OD

RECORDERS Depth 2967 Ft. Clock No. 6774 Depth 2970 Ft. Clock No. 103

Top Make Kuster Cap. 3150 No. 1563 Inside Outside Bottom Make Western Cap. 4000 No. 57 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 8:42P M

Tool Open I.F.P. From 8:45 M to 8:50 M Hr. 5 Min. From (B) 15 P.S.I. To (C) 15 P.S.I.

Tool Closed I.C.I.P. From 8:50 M. to 9:20 M. Hr. 30 Min. (D) 822 P.S.I.

Tool Open F.F.P. From 9:20 M. to 9:50 M. Hr. 30 Min. From (E) 24 P.S.I. To (F) 27 P.S.I.

Tool Closed F.C.I.P. From 9:50 M. to 10:20 M. Hr. 30 Min. (G) 312 P.S.I.

Initial Hydrostatic Pressure (A) 1560 P.S.I. Final Hydrostatic Pressure (H) 1546 P.S.I.

SURFACE INFORMATION	Size Choke	Max. Press. P.S.I.	Time	Description of Flow
	1/2 In.		M.	
			M.	
			M.	

BLOW WEAK FOR FIVE MINUTES. Bottom Choke Size 3/4 In.

Did Well Flow Yes No Recovery Total Ft. 10' drilling mud

Mud

Reversed Out Yes x No Mud Type starch Viscosity 38 Weight 10 Maximum Temp. 99 °F

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

Type Circ. Sub. plug Did Tool Plug? no Where? Did Packer Hold? yes

Length Drill Pip 1595 ft. I.D. Drill Pipe 3.7 in Length Weight Pipe 1350 ft. I.D. Weight Pipe 2.6 in. Length Drill Collars ft.

I. D. Drill Collars in. Length D.S.T. Tool 69 ft.

Remarks Opened by-pass valve, blew a few bubbles.

WESTERN TESTING CO., INC.
Pressure Data

Date: May 9, 1965 | Test Ticket No.: 5933

Recorder No.: 1563 | Capacity: 3150 | Location: 2967 Ft.

Clock No.: 6774 | Elevation: 1913 Derrick Floor | Well Temperature: 99 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1560	P.S.I.	Opened Tool: 8:42 P.M.	
B First Initial Flow Pressure	15	P.S.I.	First Flow Pressure: 5 Mins.	5 Mins.
C First Final Flow Pressure	15	P.S.I.	Initial Closed-in Pressure: 30 Mins.	27 Mins.
D Initial Closed-in Pressure	822	P.S.I.	Second Flow Pressure: 30 Mins.	30 Mins.
E Second Initial Flow Pressure	24	P.S.I.	Final Closed-in Pressure: 30 Mins.	36 Mins.
F Second Final Flow Pressure	27	P.S.I.		
G Final Closed-in Pressure	312	P.S.I.		
H Final Hydrostatic Mud	1546	P.S.I.		

PRESSURE BREAKDOWN

First Flow Press.
Breakdown: 1 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	15
P 2 5	15
P 3	
P 4	
P 5	
P 6	
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 9 Inc.
of 3 mins. and a
final inc. of 0 Min.

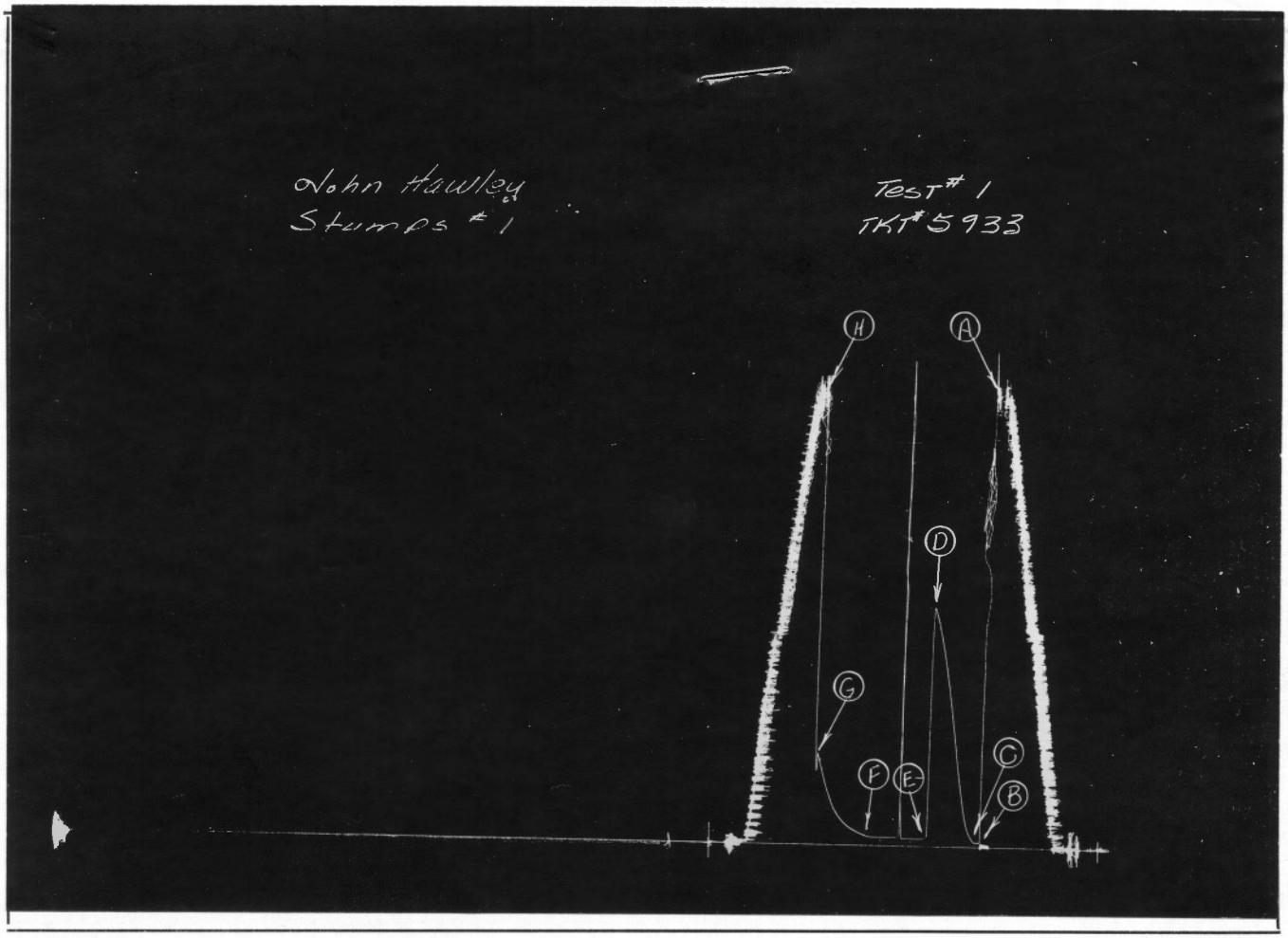
Point Minutes	Press.
0	15
3	41
6	119
9	225
12	337
15	450
18	578
21	681
24	768
27	822

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

Point Minutes	Press.
0	24
5	24
10	24
15	24
20	27
25	27
30	27

Final Shut-In
Breakdown: 12 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	27
3	31
6	40
9	45
12	55
15	65
18	79
21	99
24	122
27	159
30	216
33	273
36	312



This is an actual photograph of recorder chart.

POINT		PRESSURE
(A)	Initial Hydrostatic Mud	1560 PSI
(B)	First Initial Flow Pressure	15 PSI
(C)	First Final Flow Pressure	15 PSI
(D)	Initial Closed-in Pressure	822 PSI
(E)	Second Initial Flow Pressure	24 PSI
(F)	Second Final Flow Pressure	27 PSI
(G)	Final Closed-in Pressure	312 PSI
(H)	Final Hydrostatic Mud	1546 PSI