



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

Company Pickrell Drlg. Co. Lease & Well No. Bock #2
Elevation 1583' D.F. Ticket Number 3974
Date 2-21-64 Sec. 7 Twp. 28 Range 7 County Kingman State Kansas
Test Approved by Dan Bowles Western Representative George Tew

Formation Test No. 1 O.K. Misrun Interval Tested From 4045' to 4055' Total Depth 4055'
Size Main Hole 7 7/8" Rat Hole None Conv. B.T. Damaged Yes No 6 3/4" Conv. B.T. Damaged Yes No 6 3/4"
Straddle Yes No Conv. B.T. Damaged Yes No
Tool Size 5 1/2" OD Packer Depth 4045' Ft. Size 6 3/4" Packer Depth 4040' Ft. Size 6 3/4"
Tool Jt. Size 42" PH Anchor Length 10' Size 5 1/2" OD

RECORDERS
Depth 4049' Ft. Clock No. 6861 Depth 4052' Ft. Clock No. 60
Top Make Amerada Cap. 4200# No. 1558 Inside Outside Bottom Make Western Cap. 4000# No. 60 Inside Outside
Below Straddle: Depth _____ Clock No. _____ Inside Outside
Top Make _____ Cap. _____ No. _____ Inside Outside

Time Set Packer 9:27A M
Tool Open I.F.P. From 9:30A M to 9:33A M - Hr. 3 Min. From (B) _____ P.S.I. To (C) 1603 P.S.I.
Tool Closed I.C.I.P. From 9:33A M. to 10:03A M. - Hr. _____ Min. (D) 122 P.S.I.
Tool Open F.F.P. From 10:03A M. to 11:03A M. - Hr. _____ Min. From (E) _____ P.S.I. To (F) 1493 P.S.I.
Tool Closed F.C.I.P. From 11:03A M. to 11:33A M. - Hr. _____ Min. (G) _____ P.S.I. To (G) 2245 P.S.I.
Initial Hydrostatic Pressure (A) 2253 P.S.I. Final Hydrostatic Pressure (H) _____ P.S.I.

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

BLOW Strong-Gas to surface in 20 mins-too weak to gauge M. 3/4
Did Well Flow Yes No Recovery Total Ft. 720' - 240' G.C. Mud - 180' Muddy salt water - 300' Clean Salt Water - Cutting on top of tool Bottom Choke Size _____ In.
Reversed Out Yes No Mud Type Starch Viscosity 45 Weight 10.3 Maximum Temp. 191 °F
EXTRA EQUIPMENT: Dual Packers Safety Joint Jars: Size Anchor Make _____ Ser. No. Yes
Type Circ. Sub. Plug Did Tool Plug? Partially Where? Anchor Did Packer Hold? _____
Length Drill Pipe 3215 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 810 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D. S. T. Tool 30 ft.

Remarks _____

WESTERN TESTING CO., INC.

Pressure Data

Date 2-21-64 Test Ticket No. 3974
 Recorder No. 1558 Capacity 4200# Location 4049 Ft.
 Clock No. 6861 Elevation 1583' D.F. Well Temperature 131 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2253</u>	P.S.I.	<u>9:27 A</u>	<u>9:27 AM</u>
B First Initial Flow Pressure	<u>-</u>	P.S.I.	<u>3</u> Mins.	<u>-</u> Mins.
C First Final Flow Pressure	<u>-</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1603</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>122</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>270</u>	P.S.I.		
G Final Closed-in Pressure	<u>1493</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2245</u>	P.S.I.		

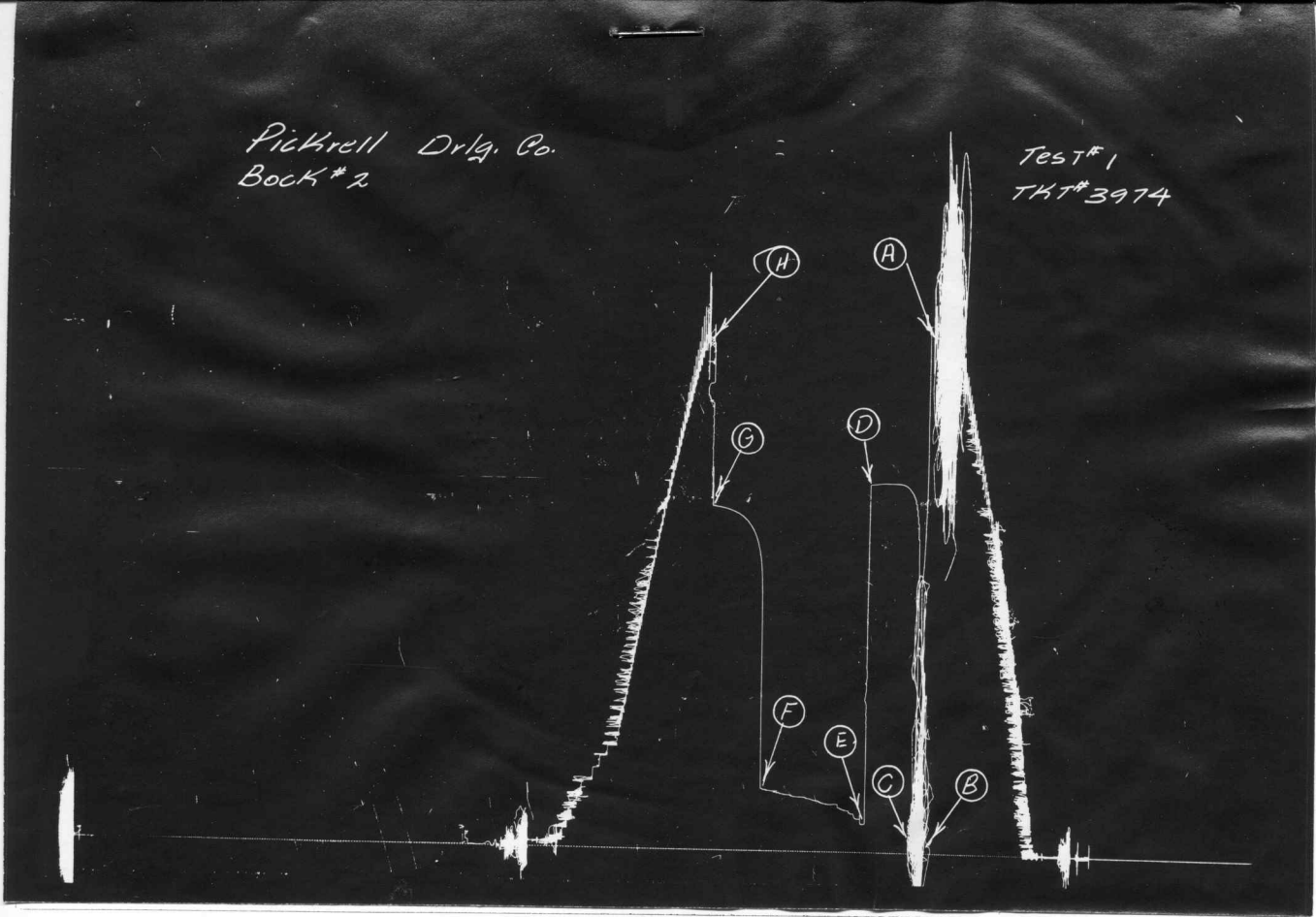
PRESSURE BREAKDOWN

First Flow Press. Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Initial Shut-In Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>-</u> Min.	Second Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>-</u> Min.	Final Shut-In Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>-</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1		0	-	0	122	0	270
P 2		3	1321	5	147	3	1248
P 3		6	1533	10	172	6	1363
P 4		9	1580	15	187	9	1407
P 5		12	1599	20	206	12	1434
P 6		15	1604	25	215	15	1455
P 7		18	1605	30	227	18	1466
P 8		21	1605	35	236	21	1479
P 9		24	1605	40	242	24	1485
P10		27	1605	45	246	27	1489
P11		30	1603	50	253	30	1493
P12				55	261		
P13				60	270		
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Pickrell Drilling Co.
 Block # 2

Test # 1
 TKT# 3974



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A) Initial Hydrostatic Mud	2253	PSI
(B) First Initial Flow Pressure	-	PSI
(C) First Final Flow Pressure	-	PSI
(D) Initial Closed-in Pressure	1603	PSI
(E) Second Initial Flow Pressure	122	PSI
(F) Second Final Flow Pressure	270	PSI
(G) Final Closed-in Pressure	1493	PSI
(H) Final Hydrostatic Mud	2245	PSI

Company Pickrell Drilling Co. Lease and Well No. Block #2 Sec. 7 Twp. 28 Rgc. 7 Test No. 1 Date 2-21-64