

15-135-00178

WESTERN

27-18s-22w

Home Office: Great Bend, Kansas

P. O. Box 793

GLadstone 3-7903

Company **J. O. Farmer**Lease & Well No. **Cook #1**

Tkt. #2377

Date **12-20-61** Sec. **27** Twp. **18** Range **22** County **Now** State **Kansas**Test Approved by **Sam Farmer**Western Representative **Bill Hager**

Formation Test No. **1** O.K. ☒ Misrun ☐ Interval Tested From **4180'** to **4217'** Total Depth **4217'**
 Size Main Hole **7 7/8"** Rat Hole **None** Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No ☐
 Packer Depth **4180** Ft. Size **6 3/4"** Packer Depth **-** Ft. Size **-**
 Straddle ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No ☐
 Packer Depth **-** Ft. Size **-**
 Tool Size **5 1/2" O.D.** Tool Jt. Size **4 1/2" F.H.** Anchor Length **37** Ft. Size **5 1/2" O.D. Perf.**

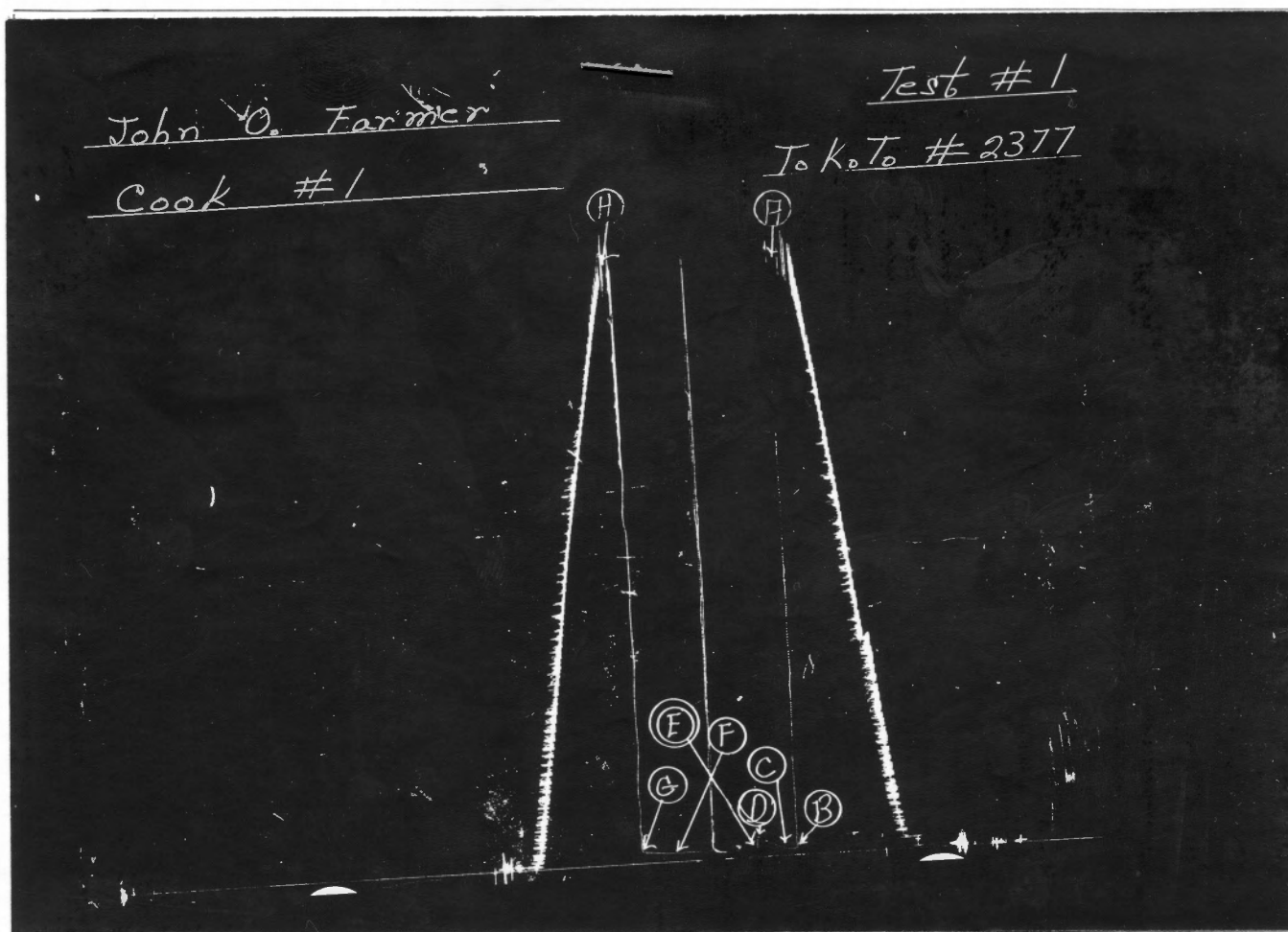
RECORDERS Depth **4183** Ft. Clock No. **6896** Depth **4186** Ft. Clock No. **102**
 Top Make **Amerada** Cap. **3200#** No. **1561** Inside ☐ Outside ☐ Bottom Make **Western** Cap. **4000#** No. **21** Inside ☐ Outside ☐
 Below Straddle: Depth **-** Clock No. **-** Inside ☐ Outside ☐ Depth **-** Ft. Clock No. **-** Inside ☐ Outside ☐
 Top Make **-** Cap. **-** No. **-** Inside ☐ Outside ☐ Bottom Make **-** Cap. **-** No. **-** Inside ☐ Outside ☐

Time Set Packer **12:21A** M
 Tool Open I.F.P. From **12:23A** M. to **12:28A** M. - Hr. **5** Min. From (B) **23** P.S.I. To (C) **23** P.S.I.
 Tool Closed I.C.I.P. From **12:29A** M. to **12:49A** M. - Hr. **20** Min. (D) **78** P.S.I.
 Tool Open F.F.P. From **12:50A** M. to **1:50A** M. **1** Hr. - Min. From (E) **31** P.S.I. To (F) **31** P.S.I.
 Tool Closed F.C.I.P. From **1:51A** M. to **2:11A** M. - Hr. **20** Min. (G) **47** P.S.I.
 Initial Hydrostatic Pressure (A) **2281** P.S.I. Final Hydrostatic Pressure (H) **2281** P.S.I.

SURFACE Size Choke **1/2** In. Max. Press. P.S.I. Time Description of Flow
 INFORMATION **Very weak blow for 5 Min. before I.S.I.**
 M. **3/4** in.
 M. **30' Drilling** Mud
 M. **114** °F

BLOW **Very weak blow for 5 Min. before I.S.I.** Bottom Choke Size **3/4** in.
 Did Well Flow ☐ Yes ☒ No ☐ Recovery Total Ft. **30** Oil ☐ Gas ☐ Water ☐
 Reversed Out ☐ Yes ☒ No ☐ Mud Type **Starch** Viscosity **44** Weight **10.** Maximum Temp. **114** °F
 EXTRA EQUIPMENT: Dual Packers ☒ Safety Joint ☐ Jars: Size ☐ Make ☐ Ser. No. ☐
 Type Circ. Sub. **Plug** Did Tool Plug? ☒ Where? ☐ Did Packer Hold? ☐

Remarks **1020' 2.7" I.D. wt. Pipe**
3147' 3.8" I.D. Drill Pipe
50' Test Tool
Flushed tool



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A)	Initial Hydrostatic Mud.....	2281	PSI
(B)	First Initial Flow Pressure	23	PSI
(C)	First Final Flow Pressure	23	PSI
(D)	Initial Closed-in Pressure	78	PSI
(E)	Second Initial Flow Pressure	31	PSI
(F)	Second Final Flow Pressure	31	PSI
(G)	Final Closed-in Pressure	47	PSI
(H)	Final Hydrostatic Mud	2281	PSI



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GLadstone 3-7903

Company J. O. Farmer Lease & Well No. Cook #1 Trk. #2378

Date 12-21-61 Sec. 27 Twp. 18 Range 22 County Neosho State Kansas

Test Approved by Jan Farmer Western Representative Bill Hager

Formation Test No. 2 O.K. ☒ Misrun ☐ Interval Tested From 4269' to 4285' Total Depth 4285'
Size Main Hole 7 7/8" Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No ☐ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No ☐
Packer Depth 4264 Ft. Size 6 3/4" Packer Depth 4269 Ft. Size 6 3/4"
Straddle ☐ Yes ☐ No ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No ☐
Packer Depth - Ft. Size -
Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 16 Ft. Size 5 1/2" O.D. Perf.

RECORDERS	Depth <u>4272</u> Ft.	Clock No. <u>6896</u>	Depth <u>4275</u> Ft.	Clock No. <u>102</u>
	Top Make <u>Amerada</u> Cap. <u>3200#</u> No. <u>1561</u>	Inside ☐ Outside ☐	Bottom Make <u>Western</u> Cap. <u>4000#</u> No. <u>21</u>	Inside ☐ Outside ☐
Below Straddle: Depth <u>-</u>	Clock No. <u>-</u>	Inside ☐ Outside ☐	Depth <u>-</u>	Clock No. <u>-</u>
Top Make <u>-</u> Cap. <u>-</u> No. <u>-</u>	Inside ☐ Outside ☐	Bottom Make <u>-</u> Cap. <u>-</u> No. <u>-</u>	Inside ☐ Outside ☐	

Time Set Packer 7:21 P M
Tool Open I.F.P. From 7:23P M. to 7:28P M. - Hr. 5 Min. From (B) 42 P.S.I. To (C) 54 P.S.I.
Tool Closed I.C.I.P. From 7:29P M. to 7:49P M. - Hr. 20 Min. (D) 1324 P.S.I.
Tool Open F.F.P. From 7:50P M. to 8:50P M. 1 Hr. - Min From (E) 70 P.S.I. To (F) 211 P.S.I.
Tool Closed F.C.I.P. From 8:51P M. to 9:11P M. - Hr. 20 Min. (G) 1224 P.S.I.
Initial Hydrostatic Pressure (A) 2370 P.S.I. Final Hydrostatic Pressure (H) 2370 P.S.I.

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

BLOW Weak steady blow throughout test Bottom Choke Size 3/4 in.
Did Well Flow ☒ Yes ☐ No. Recovery Total Ft. 420 Oil ☐ Gas ☐ Water ☐
100' Wtry. Mud - 120' Muddy water - 130' Sulphur water Mud ☐
Reversed Out ☒ Yes ☐ No Mud Type Starch Viscosity 41 Weight 10.0 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

Remarks

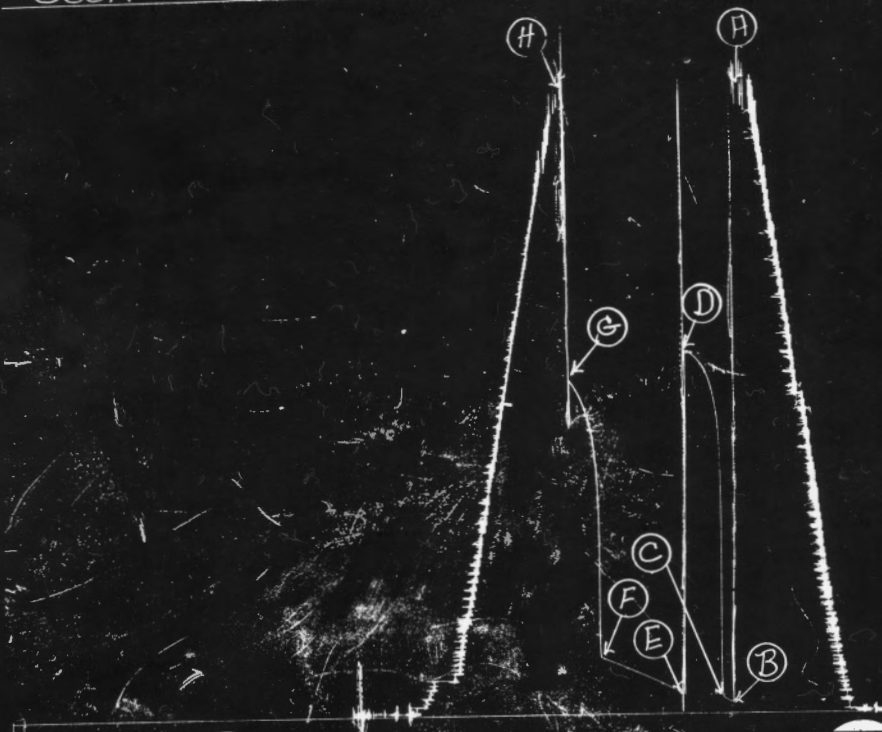
1020' 2.7" I.D. weight pipe
3234' 3.8" I.D. Drill Pipe
34' Test tool

John O. Farmer

Cook #1

Test #2

To K₀ T₀ # 2378



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A) Initial Hydrostatic Mud.....	2370	PSI
(B) First Initial Flow Pressure	42	PSI
(C) First Final Flow Pressure	54	PSI
(D) Initial Closed-in Pressure	1324	PSI
(E) Second Initial Flow Pressure	70	PSI
(F) Second Final Flow Pressure	211	PSI
(G) Final Closed-in Pressure	1224	PSI
(H) Final Hydrostatic Mud	2370	PSI



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Company J. C. Farmer Lease & Well No. Cook #1 Tkt. # 2379

Date 12-22-61 Sec. 27 Twp. 18 Range 22 County Now State Kansas

Test Approved by Sam Farmer Western Representative Bill Hager

Formation Test No. 3 O.K. ☒ Misrun ☐ Interval Tested From 4305' to 4321' Total Depth 4321'
Size Main Hole 7 7/8" Rat Hole None Conv. ☐ B.T. ☒ Damaged ☒ Yes ☐ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Packer Depth 4300 Ft. Size 6 3/4" Packer Depth 4305 Ft. Size 6 3/4"
Straddle ☐ Yes ☒ No Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No

Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 16 Ft. Size 5 1/2" O.D. Perf.

RECORDERS	Depth <u>4308</u> Ft.	Clock No. <u>6896</u>	Depth <u>4311</u> Ft.	Clock No. <u>102</u>
	Top Make <u>Amerada</u> Cap. <u>3200#</u> No. <u>1561</u>	Inside <u>Outside</u>	Bottom Make <u>Western</u> Cap. <u>4000#</u> No. <u>21</u>	Inside <u>Outside</u>
	Below Straddle: Depth <u>-</u> Clock No. <u>-</u>	Inside <u>Outside</u>	Depth <u>-</u> Ft. Clock No. <u>-</u>	Inside <u>Outside</u>
	Top Make <u>-</u> Cap. <u>-</u> No. <u>-</u>	Inside <u>Outside</u>	Bottom Make <u>-</u> Cap. <u>-</u> No. <u>-</u>	Inside <u>Outside</u>

Time Set Packer 12:21P M
Tool Open I.F.P. From 12:23P M. to 12:27P M. - Hr. 4 Min. From (B) 219 P.S.I. To (C) 219 P.S.I.
Tool Closed I.C.I.P. From 12:28P M. to 12:48P M. - Hr. 20 Min. (D) 1396 P.S.I.
Tool Open F.F.P. From 12:49P M. to 1:49P M. 1 Hr. - Min. From (E) 846 P.S.I. To (F) 1396 P.S.I.
Tool Closed F.C.I.P. From 1:50P M. to 2:10P M. - Hr. 20 Min. (G) 1396 P.S.I.
Initial Hydrostatic Pressure (A) 2370 P.S.I. Final Hydrostatic Pressure (H) 2370 P.S.I.

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

BLOW Strong blow for 40 Mins. - leak, intermittent blow for 20 Min. Bottom Choke Size 3/4 in.
Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 3000' Oil ☐ Gas 3000' Sulphur ☐ Water ☐ Mud

Reversed Out ☐ Yes ☒ No Mud Type Starch Viscosity 41 Weight 10 Maximum Temp. - °F

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

Remarks

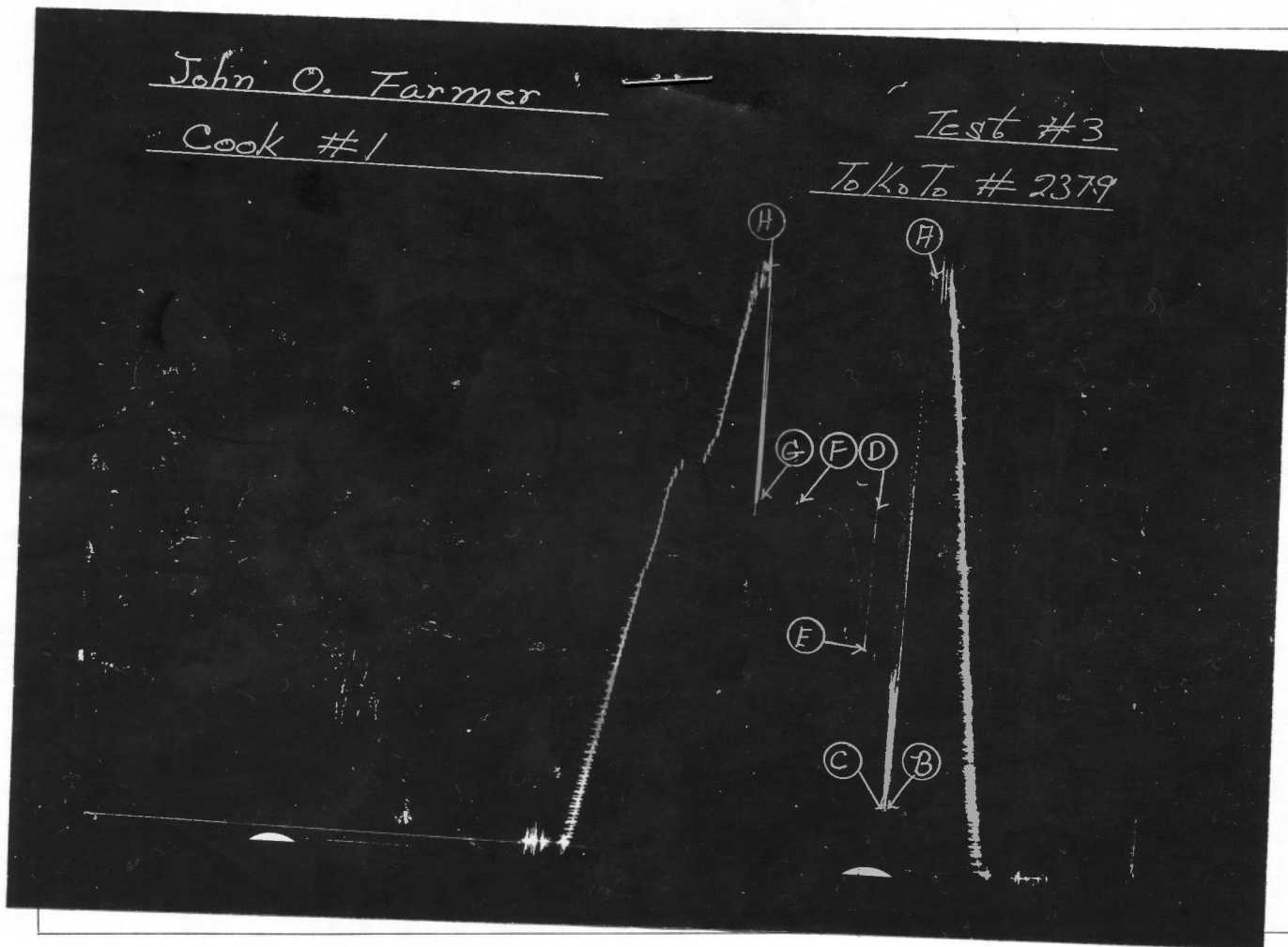
35' Test Tool
1020' 2.7" I.D. st. Pipe
3186' 3.8" I.D. Drill Pipe

John O. Farmer

Cook #1

Test #3

T₀K₀T₀ # 2379



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A)	Initial Hydrostatic Mud.....	2370	PSI
(B)	First Initial Flow Pressure	219	PSI
(C)	First Final Flow Pressure	219	PSI
(D)	Initial Closed-in Pressure	1396	PSI
(E)	Second Initial Flow Pressure	846	PSI
(F)	Second Final Flow Pressure	1396	PSI
(G)	Final Closed-in Pressure	1396	PSI
(H)	Final Hydrostatic Mud	2370	PSI