

APT.

2

1

W. J. COPPINGER

KANSAS

LEASE

WELL NO.

TEST NO.

COMPANY

DISTRICT

Sec. 30-27-13

Fitzsimmons

Pratt

Kansas

W. J. Coppinger

MUD DATA

Starch

10.2

35

22.8 c. c. Filter Cake 2/32

Calc. 110

60 minutes

30 minutes

3849'

312

1131

Office Corrected

2086

51

155

1220

2058



OIL WELL CEMENTING CO.

HOLE AND TOOL DATA

Total Depth

3875'

Casing Perforations

Top Bottom

Top Packer Depth

3859'

Bottom Packer Depth

-

Casing or Hole Size

7 7/8"

Liner or Rathole Size

-

Formation Tested

Kansas City

Size Drill Pipe

4 1/2" API FH

Size Drill Collars

5 3/4" x 132'

Size Bottom Choke

3/4"

Size Surface Choke

1"

Size Hook Wall Packer

-

Size Rings

-

No. Rings

-

Size D. E. Wall Packer

6 3/4" ESA

No. Packers

1

Size & Length Anchor

5" x 16'

PRD Device No.

1726

Depth

3871'

Blanked Off

Yes

REMARKS:

Tool opened with a good blow and continued throughout the test. Gas to surface in 15 minutes. Recovered 60' of heavy oil & gas cut mud, 180' of mud cut oil, 120' of oil, and 60' of water.

Pressure Readings

Field

Office Corrected

Initial Hydro Mud Pressure

2086

p.s.i.

Initial Flow Pres.

51

p.s.i.

Final Flow Pres.

155

p.s.i.

Closed in Pres.

1220

p.s.i.

Final Hydro Mud Pressure

2058

p.s.i.

Amount of Cushion

None

All depths measured from

Kelly Bushing

No. Folders Reproduced

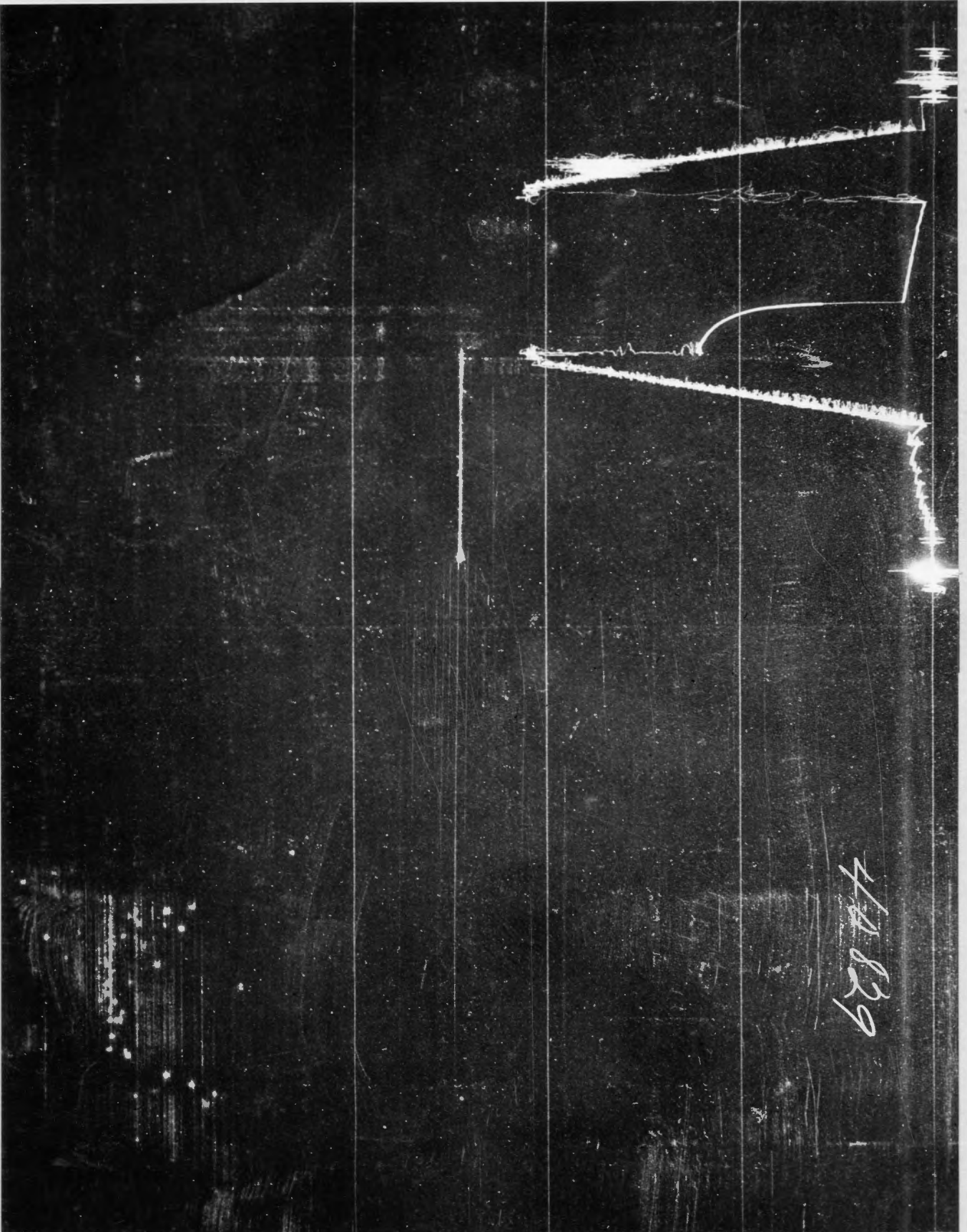
5

PRESSURE

TIME

44829

Each Horizontal Line Equal to 1000 p.s.i.



APT

LEASE

2

WELL NO.

2

TEST NO.

W. J. COPPINGER

COMPANY

KANSAS

DISTRICT

Sec. 30-27-13

LOCATION

Fitzimmons

FIELD

Pratt

COUNTY

Kansas

STATE

Company Tools

CONTRACTOR

MUD DATA

Starch

Kind

10.1

Weight

lbs.-gal.

37

Viscosity

Sec.

16

Filter Loss

c. c. Filter Cake 2/32

in.

Calc. 100

Est. Gauge

F°

60 minutes

Time Tool Open

30 minutes

Time Closed In.

4040'

Depth
BT. Gauge

Ft.

538

BT. P.R.D. No.

Blanked No
Off

REMARKS:

12 Hr. Clock No.

922

Field

Office
Corrected

2223

Initial Hydro
Mud Pressure

psi.

20

Initial Flow Pres.

psi.

21

Final Flow Pres.

psi.

120

Closed in Pres.

psi.

2223

Final Hydro
Mud Pressure

psi.



OIL WELL CEMENTING CO.

HOLE AND TOOL DATA

Total Depth

4060'

Casing
PerforationsTop
Bottom

-

Top
Packer Depth

4050'

Bottom
Packer Depth

-

Casing or
Hole Size

7 7/8"

Liner or
Rathole Size

-

Formation Tested

Kansas City

Size Drill Pipe

4 1/2" API FH

Size Drill Collars

5 3/4"

Size
Bottom Choke

3/4"

Size
Surface Choke

1"

Size Hook
Wall Packer

-

Size
Rings

-

Size D. E.
Wall Packer

6 3/4" ESMP

No.
Rings

-

Size & Length Anchor

5" x 10'

No.
Packers

1

PRD
Device No.

191

Depth

4056

Blanked
Off

Yes

Tester
M. W. Unruh

Tool opened with a very weak blow and continued throughout the test.

Recovered 45' of very slightly oil cut mud.

Date
6-6-55Ticket No.
40853HOWCO
DISTRICT
PrattKind of Job
Open Hole TestPrice
\$215.00Second
Packer Assembly

Safety Joint

Extra Folder
Charge

Jars

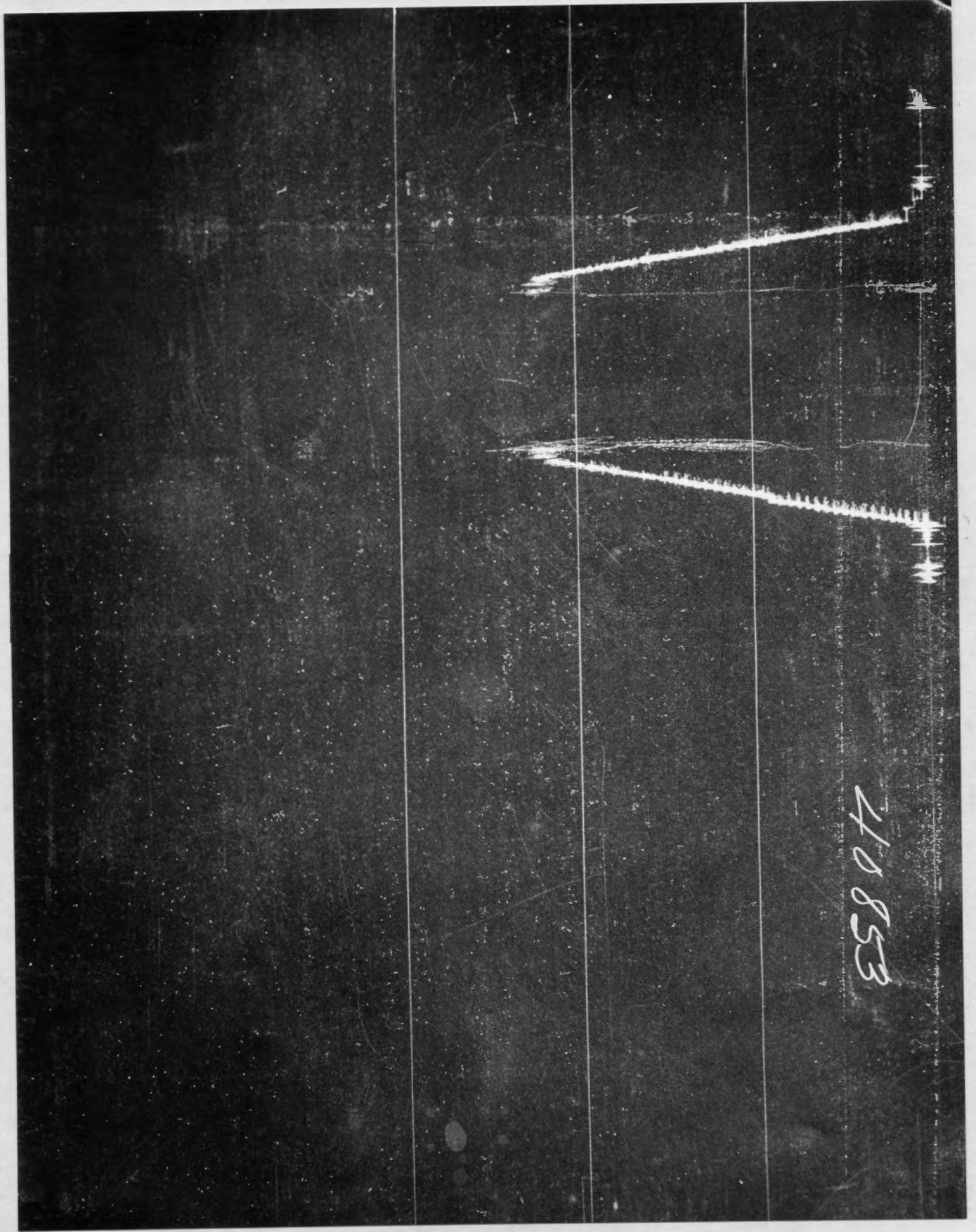
Total
\$215.00Witnessed By
Mr. J. H. BrownAmount of Cushion
NoneAll depths measured from
Kelly BushingNo. Folders
Reproduced
5

PRESSURE

TIME

40853

Each Horizontal Line Equal to 1000 p.s.i.



APT.

2

3

W. J. COPPINGER

KANSAS

LEASE

WELL NO.

TEST NO.

COMPANY

DISTRICT

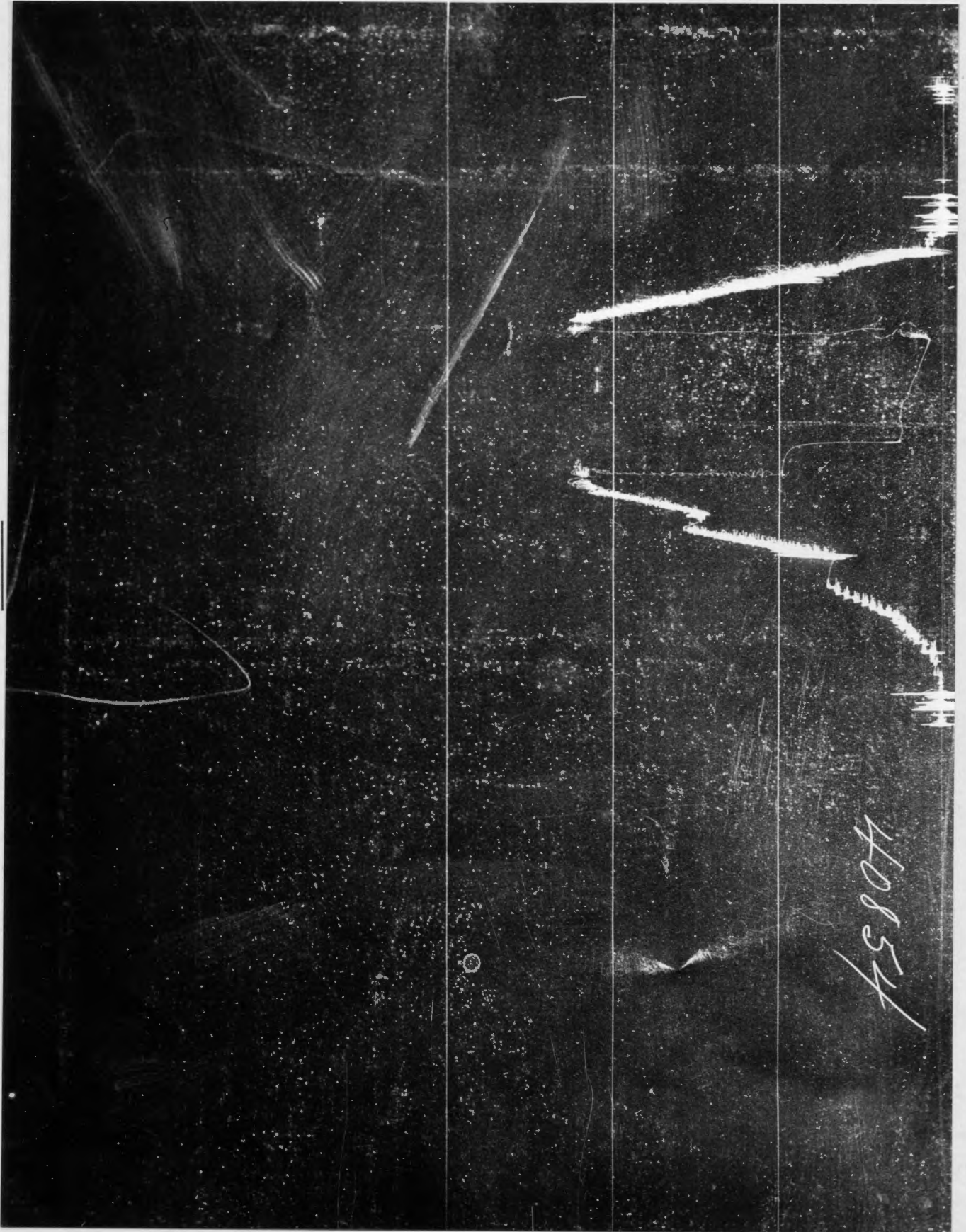
LOCATION	Sec. 30-27-13		 OIL WELL CEMENTING CO.				Date		6-6-55	
FIELD	Fitzsimmons						Ticket No.		40854	
COUNTY	Pratt						HOWCO DISTRICT		Pratt	
STATE	Kansas						Kind of Job		Open Hole Test	
CONTRACTOR	Company Tools		HOLE AND TOOL DATA				Price		\$215.00	
	MUD DATA		Total Depth	4081'	Casing Performances	Top	-	Bottom	-	
			Top Packer Depth	4062'	Bottom Packer Depth	-	-	-	-	
Kind	Starch		Casing or Hole Size	7 7/8"	Liner or Rathole Size	-	-	-	-	
Weight	10		Formation Tested	Kansas City						
Viscosity	38		Size Drill Pipe	4 1/2" API FH	Size Drill Collars	5 3/4"				
Filter Loss	16 c. c. Filter Cake		Size Bottom Choke	3/4"	Size Surface Choke	1"				
Est. Gauge Depth Temp.	Calc. 110		Size Hook Wall Packer	-	Size Rings	-	No. Rings	-	-	
Time Tool Open	62 minutes		Size D. E. Wall Packer	6 3/4" ESA	No. Packers	1				
Time Closed In.	20 minutes		Size & Length Anchor	5" x 19'						
Depth BT. Gauge	4052'		PRD Device No.	191	Depth	4077'	Blanked Off	Yes		
BT. P.R.D. No.	196	Blanked Off	REMARKS:							
12 Hr. Clock No. 922			Tool opened with a strong blow and continued throughout the test.							
Pressure Readings	Field	Office Corrected	Gas to surface in 4 1/2 minutes. Gauged maximum at 139 M. C. F.							
Initial Hydro Mud Pressure		2196 p.s.i.	Recovered 1040' of clean oil and 360' of heavy gas & oil cut mud							
Initial Flow Pres.		87 p.s.i.	emulsion.							
Final Flow Pres.		268 p.s.i.								
Closed in Pres.		984 p.s.i.								
Final Hydro Mud Pressure		2196 p.s.i.	Amount of Cushion	None	All depths measured from Kelly Bushing				No. Folders Reproduced	5

PRESSURE

TIME

40854

Each Horizontal Line Equal to 1000 p.s.i.



APT

2

4

W. J. COPPINGER

KANSAS

LEASE

WELL NO.

TEST NO.

COMPANY

DISTRICT

LOCATION Sec. 30-27-13

FIELD Fitzsimmons

COUNTY Pratt

STATE Kansas

CONTRACTOR Company Tools

MUD DATA

Kind Starch

Weight 9.9

Viscosity 38

Filter Loss 18.8 c.c. Filter Cake 2/32

Est. Gauge Depth Temp. Calc. 100

Time Tool Open 60 minutes

Time Closed In 30 minutes

Depth BT. Gauge 42021

BT. P.R.D. No. 312

12 Hr. Clock No. 1131

Pressure Readings Field

Initial Hydro Mud Pressure 2238 p.s.i.

Initial Flow Pres. 55 p.s.i.

Final Flow Pres. 55 p.s.i.

Closed in Pres. 300 p.s.i.

Final Hydro Mud Pressure 2238 p.s.i.



OIL WELL CEMENTING CO.

HOLE AND TOOL DATA

Total Depth

4230'

Casing Perforations

Top Bottom

-

Top Packer Depth

4212'

Bottom Packer Depth

-

Casing or Hole Size

7 7/8"

Liner or Rathole Size

-

Formation Tested

Marathon

Size Drill Pipe

4 1/2" API FH

Size Drill Collars

5 3/4" x 180'

Size Bottom Choke

3/4"

Size Surface Choke

1"

Size Hook Wall Packer

-

Size Rings

-

Size D. E. Wall Packer

6 3/4" ES, P

Size No. Packers

1

Size & Length Anchor

5" x 18'

PRD Device No.

1726 Depth

4226'

Blanked Off

Yes

REMARKS:

Tool opened with a weak blow and increased to steady for the remainder of the test. Recovered 90' of drilling mud.

Pressure Readings

Office Corrected

Initial Hydro Mud Pressure

2238 p.s.i.

Initial Flow Pres.

55 p.s.i.

Final Flow Pres.

55 p.s.i.

Closed in Pres.

300 p.s.i.

Final Hydro Mud Pressure

2238 p.s.i.

Amount of Cushion

None

All depths measured from

Kelly Bushing

No. Folders Reproduced

5

Date 6-8-55

Ticket No. 40832

HOWCO DISTRICT Pratt

Kind of Job Open Hole Test

Price \$215.00

Second Packer Assembly

Safety Joint -

Extra Folder Charge -

Jars -

Total \$215.00

Witnessed By Mr. J. H. Brown

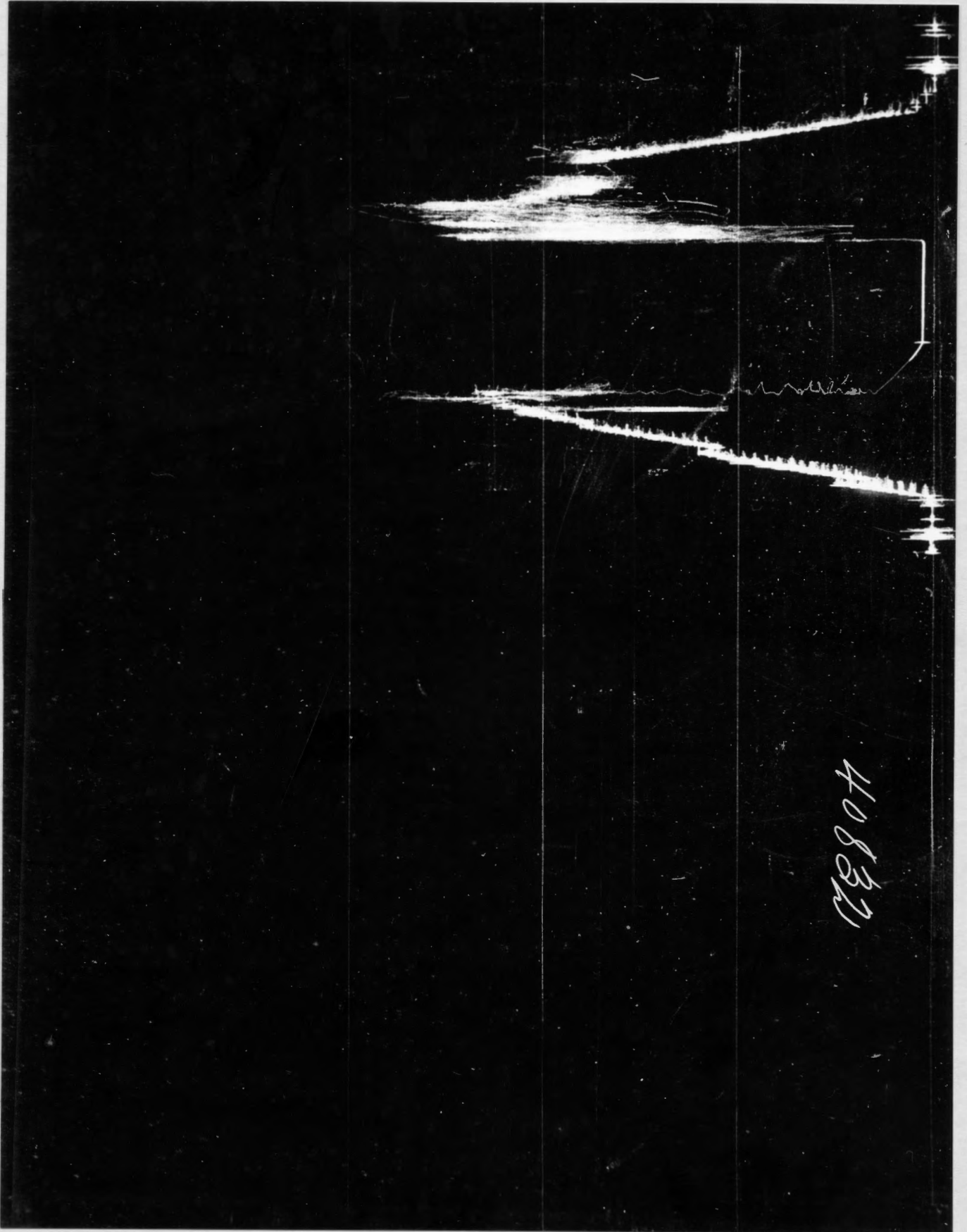
Tester G. D. Mills

PRESSURE

TIME

40832

Each Horizontal Line Equal to 1000 p.s.i.



APT

2

5

W. J. COPPINGER

KANSAS

LEASE

WELL NO.

TEST NO.

COMPANY

DISTRICT

LOCATION **800 30-27-13**FIELD **Fitzsimmons**COUNTY **Pratt**STATE **Kansas**CONTRACTOR **Company Tools**

MUD DATA

Kind **Starch**Weight **9.8**Viscosity **41**Filter Loss **15**Est. Gauge **Calc. 100**Time Tool Open **60 minutes**Time Closed In. **20 minutes**Depth **424.2'**BT. Gauge **196**P.R.D. No. **196**H. Clock No. **922**Pressure **Field**Initial Hydro **2398**Mud Pressure **20**Initial Flow Pres. **20**Final Flow Pres. **20**Closed in Pres. **1025**Final Hydro **2288**Mud Pressure **p.s.i.**

OIL WELL CEMENTING CO.

HOLE AND TOOL DATA

Total Depth

4260'

Casing Perforations

Top

Bottom

-

Top Packer Depth

4252'

Bottom Packer Depth

-

Casing or Hole Size

7 7/8"

Liner or Rathole Size

-

Formation Tested

Mississippian

Size Drill Pipe

4 1/2" API FH

Size Drill Collars

5 3/4"

Size Bottom Choke

3/4"

Size Surface Choke

1"

Size Hook Wall Packer

-

Size Rings

-

No. Rings

-

Size D. E. Wall Packer

6 3/4" ESA

No. Packers

1

Size & Length Anchor

5" x 8'

PRD Device No.

191

Depth

4256'

Blanked Off

Yes

REMARKS:

Tool opened with a good blow and continued throughout the test.

Recovered 40' of rotary mud.

Pressure

Field

Office Corrected

-

Initial Hydro

2398

p.s.i.

Mud Pressure

20

p.s.i.

Initial Flow Pres.

20

p.s.i.

Final Flow Pres.

20

p.s.i.

Closed in Pres.

1025

p.s.i.

Final Hydro

2288

p.s.i.

Mud Pressure

None

All depths measured from

Rotary Bushing

No. Folders

Reproduced

5

PRESSURE

TIME

40855

Each Horizontal Line Equal to 1000 p.s.i.

