21-7-25W

BLAZIER	2	1	CITIES SERVICE OIL COMPANY	RUSSELL
LEASE	WELL NO.	TEST NO.	COMPANY	DISTRICT

LOCATION SEC. 21-7-25

FIELD -

COUNTY Graham

STATE Kansas

CONTRACTOR Glenn W. Peel

MUD DATA

Kind Chemical

Weight 10.2 lbs.-gal.

Viscosity 36 Sec.

Filter Loss 8 c. c. Filter Cake 2/32 in.

Est. Gauge Depth Temp. Calc. 100 F°

Time Tool Open 60 minutes

Time Closed In. 30 minutes

Depth BT. Gauge 3688'

BT. P. R. D. No. 540 Blanked Off NO

12 Hr. Clock No. 3224

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure		2002 p.s.i.
Initial Flow Pres.		42 p.s.i.
Final Flow Pres.		564 p.s.i.
Closed in Pres.		1268 p.s.i.
Final Hydro Mud Pressure		2002 p.s.i.

Halliburton
OIL WELL CEMENTING CO.

HOLE AND TOOL DATA

Total Depth 3708'

Casing Perforations Top - Bottom -

Top Packer Depth 3700'

Bottom Packer Depth -

Casing or Hole Size 7 7/8"

Liner or Rathole Size -

Formation Tested Kansas City

Size Drill Pipe 4½" API FH

Size Drill Collars -

Size Bottom Choke 7/8"

Size Surface Choke 1"

Size Hook Wall Packer -

Size Rings -

No. Rings -

Size & Type Wall Packer 6 3/4" ESA

No. Packers 1

Size & Length Anchor 5" x 8'

PRD Device No. 1872 Depth 3703' Blanked Off Yes

REMARKS:

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

Recovered 1140' of slightly oil cut salt water.

Amount of Cushion None All depths measured from Kelly Bushing

Date 8-30-55

Ticket No. 9657

HOWCO DISTRICT Hill City

Kind of Job Open Hole Test

Price $215.00

Second Packer Assembly -

Safety Joint -

Extra Folder Charge -

Jars -

Total $215.00

Witnessed By Mr. Z Taylor

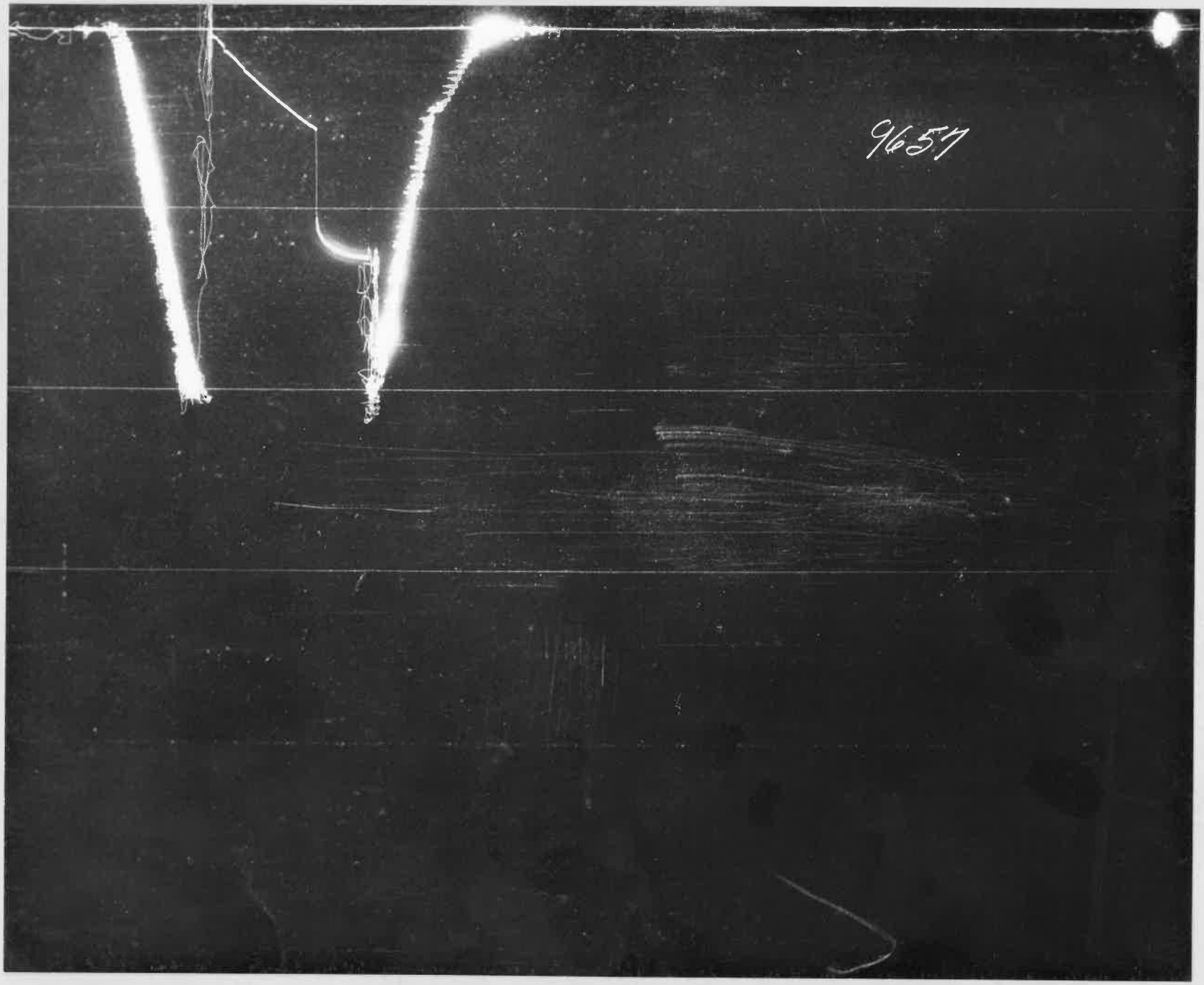
Tester F. A. Jones

No. Folders Reproduced 5

HOWCO 803 R3 2M4 10M (Printed in U. S. A.)—Southwestern—4806B

TIME

PRESSURE



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

BLAZIER	2	3	CITIES SERVICE OIL COMPANY	21-7S-25W
LEASE	WELL NO.	TEST NO.	COMPANY	DISTRICT

Halliburton
OIL WELL CEMENTING CO.

LOCATION	Sec. 21-7-25	Date	9-1-55
FIELD	Wildcat	Ticket No.	9659
COUNTY	Graham	HOWCO DISTRICT	Hill City
STATE	Kansas	Kind of Job	Open Hole Test
CONTRACTOR	Glenn W. Peel	Price	$215.00

MUD DATA

Kind	Chemical
Weight	10.2 lbs.-gal.
Viscosity	36 Sec.
Filter Loss	8.0 c. c. Filter Cake 2/32 in.
Est. Gauge Depth Temp.	Calc. 110 F°
Time Tool Open	60 minutes
Time Closed In.	30 minutes
Depth BT. Gauge	3803'
BT. P. R. D. No.	540 Blanked Off NO
12 Hr. Clock No.	3229

HOLE AND TOOL DATA

Total Depth	3812'	Casing Perforations	Top	-	
			Bottom	-	
Top Packer Depth	3785'	Bottom Packer Depth		-	
Casing or Hole Size	7 7/8"	Liner or Rathole Size		-	
Formation Tested	Kansas City				
Size Drill Pipe	4½" API FH	Size Drill Collars		-	
Size Bottom Choke	7/8"	Size Surface Choke		1"	
Size Hook Wall Packer	-	Size Rings	-	No. Rings	-
Size & Type Wall Packer	6 3/4" ESA			No. Packers	1
Size & Length Anchor	5" x 27'				
PRD Device No.	1872 Depth	3807'	Blanked Off	Yes	

Second Packer Assembly	-
Safety Joint	-
Extra Folder Charge	-
Jars	-
Total	$215.00
Witnessed By	Mr. Z. Taylor
Tester	F. A. Jones

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure		2080 p.s.i.
Initial Flow Pres.		75 p.s.i.
Final Flow Pres.		360 p.s.i.
Closed in Pres.		1198 p.s.i.
Final Hydro Mud Pressure		2051 p.s.i.

REMARKS:

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

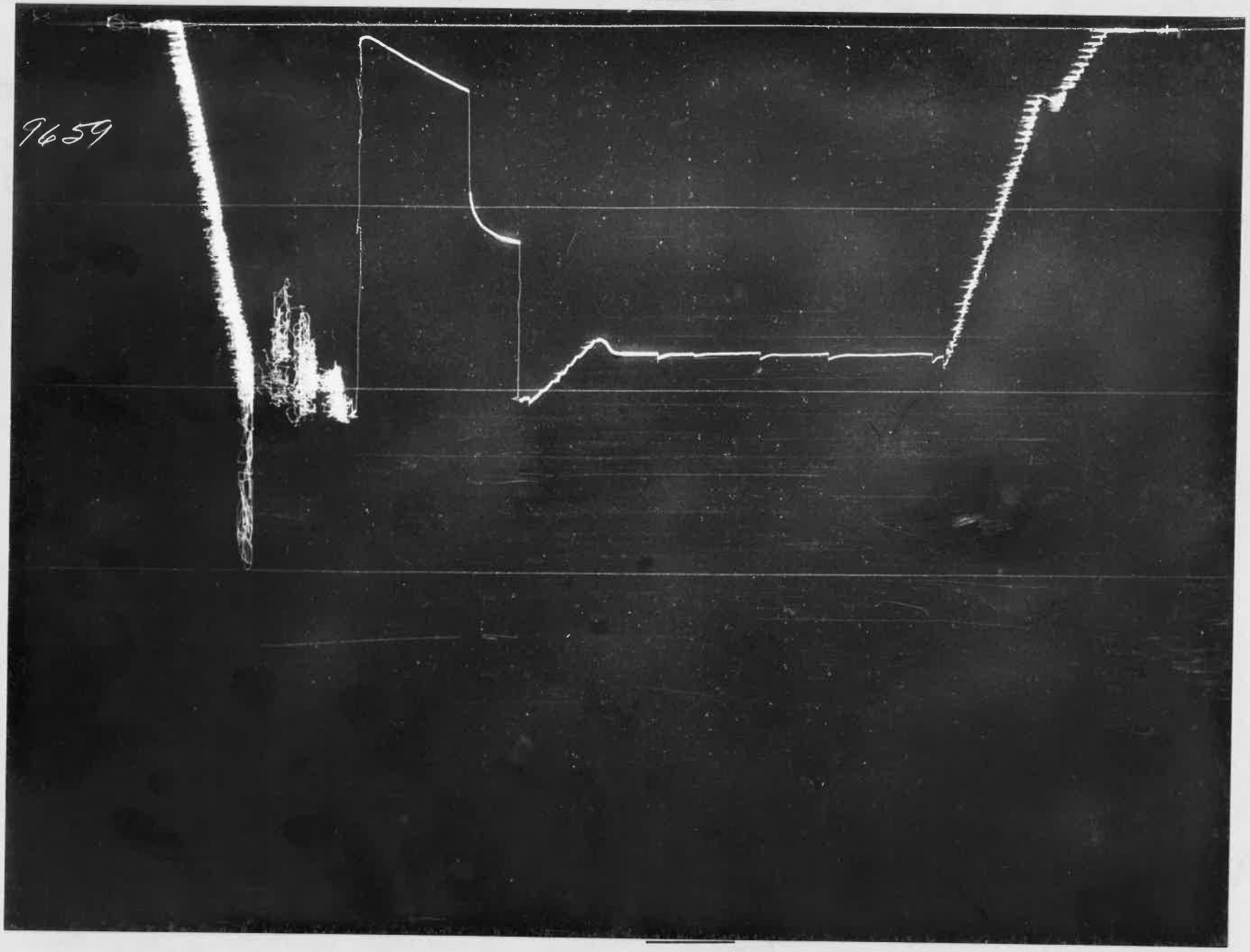
Gas to surface in 75 minutes. Recovered 280' of free gas oil,

540' of slightly mud cut oil, and 180' of muddy oil.

Amount of Cushion None All depths measured from Kelly Bushing No. Folders Reproduced 5

HOWCO 893-R3 25M 199M (Printed in U. S. A.)—Southwestern—4806E

TIME



PRESSURE

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

MAZIER	2	4	CITIES SERVICE OIL COMPANY	KANSAS 21-7-25W
LEASE	WELL NO.	TEST NO.	COMPANY	DISTRICT

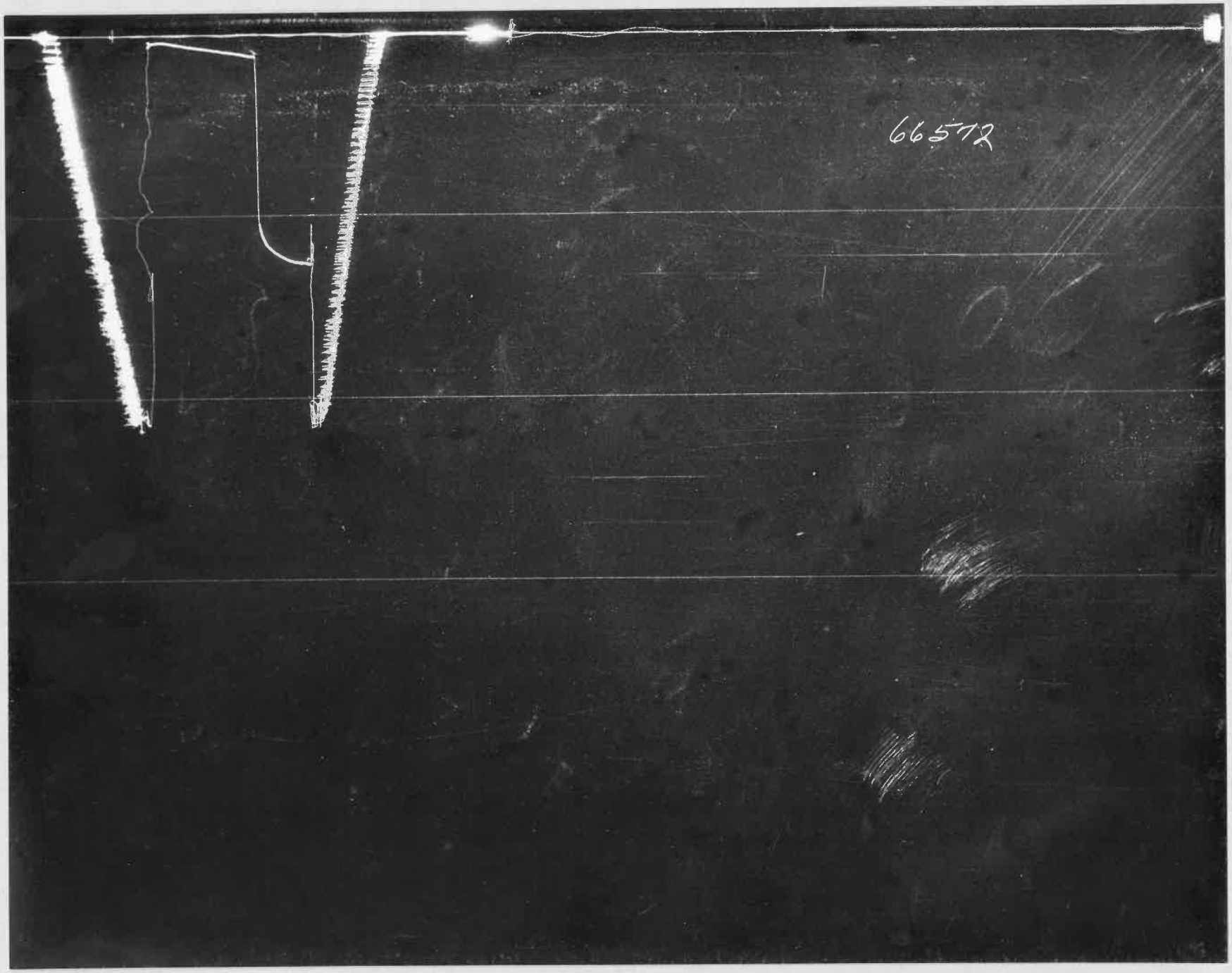
LOCATION	Sec. 21-7-25		Date 9-1-55
FIELD	Wildcat		Ticket No. 66572
COUNTY	Graham		HOWCO DISTRICT Hill City
STATE	Kansas	HOLE AND TOOL DATA	Kind of Job Open Hole Test
CONTRACTOR	Glenn W. Peel	Total Depth 3845' / Casing Perforations Top – Bottom –	Price $215.00
MUD DATA		Top Packer Depth 3819' / Bottom Packer Depth –	Second Packer Assembly –
Kind	Starch	Casing or Hole Size 7 7/8" / Liner or Rathole Size –	Safety Joint –
Weight	10.2 lbs.-gal.	Formation Tested Kansas City	Extra Folder Charge –
Viscosity	36 Sec.	Size Drill Pipe 4½" API FH / Size Drill Collars –	Jars –
Filter Loss	11.8 c. c. Filter Cake 2/32 in.	Size Bottom Choke 5/8" / Size Surface Choke 1"	
Est. Gauge Depth Temp.	Calc. 110 F°	Size Hook Wall Packer – / Size Rings – / No. Rings –	
Time Tool Open	60 minutes	Size & Type Wall Packer 6 3/4" ESA / No. Packers 1	Total $215.00
Time Closed In.	30 minutes	Size & Length Anchor 4½" X 26'	Witnessed By Mr. Van Horn
Depth BT. Gauge	3837'	PRD Device No. 1918 / Depth 3841' / Blanked Off Yes	Tester A. A. Berens
BT. P.R.D. No.	540 / Blanked Off No	REMARKS:	
12 Hr. Clock No.	3229	Tool opened with a good blow and continued throughout the test.	

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure		2110 p.s.i.
Initial Flow Pres.		48 p.s.i.
Final Flow Pres.		131 p.s.i.
Closed in Pres.		1257 p.s.i.
Final Hydro Mud Pressure		2091 p.s.i.

Recovered 340' of heavy mud cut gas oil.

Amount of Cushion None — All depths measured from Kelly Bushing — No. Folders Reproduced 5

TIME



PRESSURE

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

BLAZIER	2	5	CITIES SERVICE OIL COMPANY	KA 4-7-25W
LEASE	WELL NO.	TEST NO.	COMPANY	DISTRICT

Halliburton
OIL WELL CEMENTING CO.

LOCATION	Sec. 21-7-25	Date	9-2-55
FIELD	Wildcat	Ticket No.	9660
COUNTY	Graham	HOWCO DISTRICT	Hill City
STATE	Kansas	Kind of Job	Open Hole Test
CONTRACTOR	Glenn W. Peel	Price	$215.00

MUD DATA

Kind	Chemical	Second Packer Assembly	-
Weight	10.2 lbs.-gal.	Safety Joint	-
Viscosity	36 Sec.	Extra Folder Charge	-
Filter Loss	11.8 c. c. Filter Cake 2/32 in.	Jars	-
Est. Gauge Depth Temp.	Calc. 110 F°		
Time Tool Open	30 minutes		
Time Closed In.	30 minutes	Total	$215.00
Depth BT. Gauge	3931'	Witnessed By	Mr. Zeke Taylor
BT. P. R. D. No.	540 Blanked Off No	Tester	F. A. Jones
12 Hr. Clock No.	3229		

HOLE AND TOOL DATA

Total Depth	3940'	Casing Perforations Top	-
		Bottom	-
Top Packer Depth	3899'	Bottom Packer Depth	-
Casing or Hole Size	7 7/8"	Liner or Rathole Size	-
Formation Tested	Kansas City		
Size Drill Pipe	4½" API FH	Size Drill Collars	-
Size Bottom Choke	7/8"	Size Surface Choke	1"
Size Hook Wall Packer	- Size Rings -	No. Rings	-
Size & Type Wall Packer	6 3/4" ESA	No. Packers	1
Size & Length Anchor	5" x 41'		
PRD Device No.	1872 Depth 3935'	Blanked Off	Yes

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure		2125 p.s.i.
Initial Flow Pres.		0 p.s.i.
Final Flow Pres.		0 p.s.i.
Closed in Pres.		0 p.s.i.
Final Hydro Mud Pressure		2075 p.s.i.

REMARKS:

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

Recovered 6' of mud.

B.T. clock stopped. Pressures shown from PRD chart.

Amount of Cushion None All depths measured from Kelly Bushing No. Folders Reproduced 5

HOWCO 893-B3 25M 100M (Printed in U. S. A.)—Southwestern—4806E

TIME



PRESSURE

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