

NEWKIRK

LEASE

1

WELL NO.

1

TEST NO.

GULF OIL CORPORATION

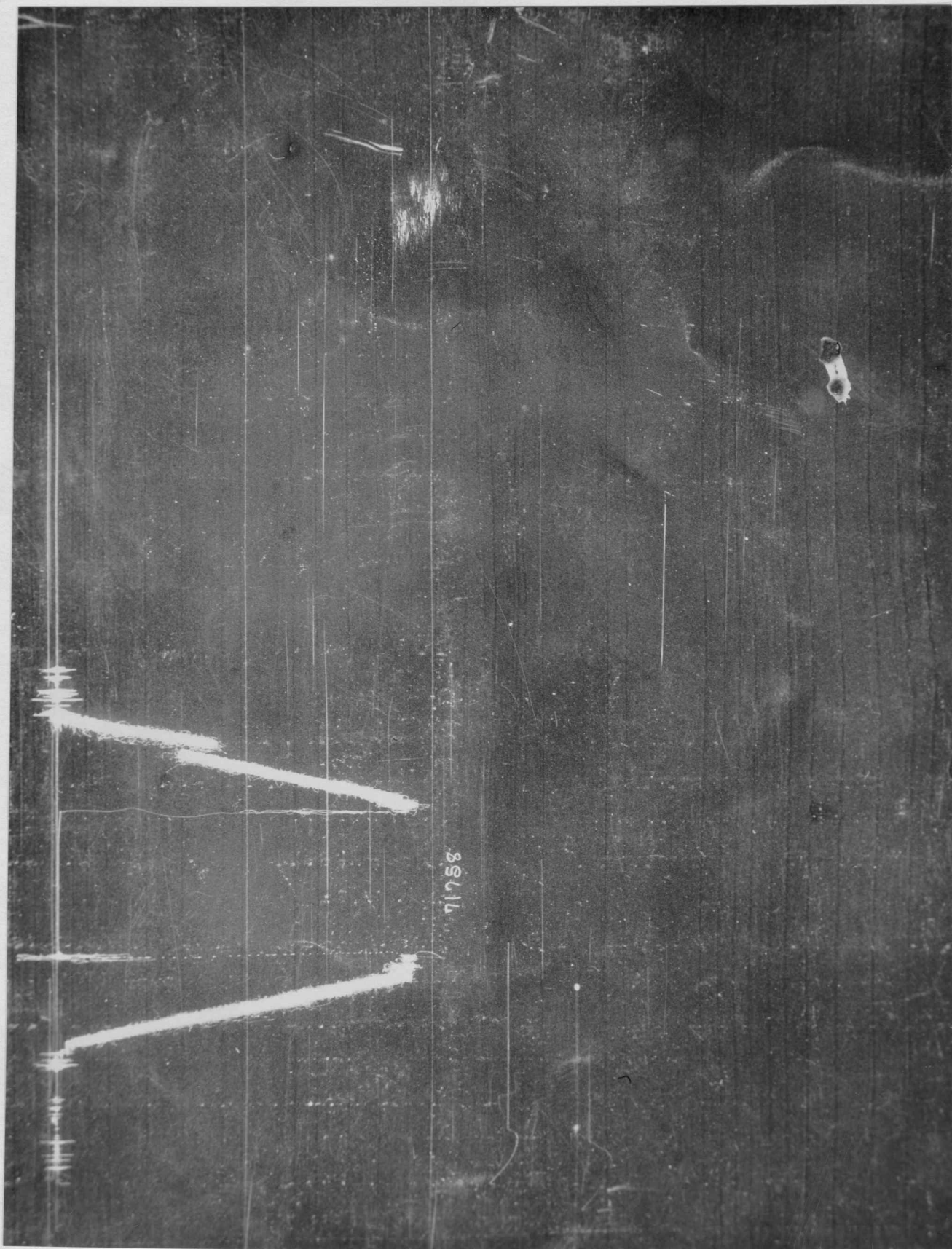
COMPANY

KANSAS

DISTRICT

LOCATION	17-33-11		 OIL WELL CEMENTING CO.		Date	5-13-54
FIELD	Boyd				Ticket No.	71758
COUNTY	Barber				HOWCO DISTRICT	Pratt
STATE	Kansas				Kind of Job	Open Hole
CONTRACTOR Barbour Drlg. Co.			HOLE AND TOOL DATA			
MUD DATA			Total Depth	3650'	Casing Perforations	Top - Bottom -
Kind	Starch		Top Packer Depth	3641'	Bottom Packer Depth	-
Weight	9.7	lbs.-gal.	Casing or Hole Size	9"	Liner or Rathole Size	-
Viscosity	39.5	Sec.	Formation Tested	Douglas Sand		
Filter Loss	6.8	c. c. Filter Cake	Size Drill Pipe	4 1/2"	Size Drill Collars	-
Est. Gauge Depth Temp.	100	F°	Size Bottom Choke	5/8"	Size Surface Choke	1"
Time Tool Open	1 Hour		Size Hook Wall Packer	-	Size Rings	No. Rings -
Time Closed In.	20 Minutes		Size D. E. Wall Packer	7 1/2" D.E.W.P.	No. Packers	1
Depth BT. Gauge	3637'	Ft.	Size & Length Anchor	5" F.J. x 9' Perf.		
BT. P.R.D. No.	291	Blanked Off	PRD Device No.	1726	Depth	3645'
12 Hr. Clock No.			1550			
Pressure Readings	Field	Office Corrected	REMARKS: MISRUN: Plugging			
Initial Hydro Mud Pressure	1871	p.s.i.	Recovered 3' of drilling mud.			
Initial Flow Pres.	9	p.s.i.				
Final Flow Pres.	9	p.s.i.				
Closed in Pres.	19	p.s.i.				
Final Hydro Mud Pressure	1854	p.s.i.				
Amount of Cushion			None		All depths measured from	
			1424'		Derrick Floor	
					No. Folders Reproduced	
					5	

TIME



PRESSURE

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

NEWKIRK		LEASE		1	WELL NO.	2	TEST NO.	GULF OIL CORPORATION		COMPANY	KANSAS		DISTRICT
LOCATION	17-33-11												
FIELD	Boyd												
COUNTY	Barber												
STATE	Kansas												
CONTRACTOR	Barbour Drlg. Co.												
MUD DATA													
Kind	Starch												
Weight	9.7 lbs.-gal.												
Viscosity	38.5 Sec.												
Filter Loss	6.8 c. c. Filter Cake 2/32 in.												
Est. Gauge Depth Temp.	100 F°												
Time Tool Open	1 Hour												
Time Closed In.	20 Minutes												
Depth BT. Gauge	3680'		Blanked Off		No								
BT. P.R.D. No.	311												
12	Hr. Clock No.		1794										
Pressure Readings	Field		Office Corrected										
Initial Hydro Mud Pressure			1889 p.s.i.										
Initial Flow Pres.			44 p.s.i.										
Final Flow Pres.			745 p.s.i.										
Closed in Pres.			1460 p.s.i.										
Final Hydro Mud Pressure			1881 p.s.i.										

														
HOLE AND TOOL DATA														
Total Depth	3700'		Casing Perforations		Top -		Bottom -							
Top Packer Depth	3690'		Bottom Packer Depth		-									
Casing or Hole Size	9"		Liner or Rathole Size		-									
Formation Tested	Douglas													
Size Drill Pipe	4 1/2" API FH		Size Drill Collars		5 3/4" x 84.64'									
Size Bottom Choke	5/8"		Size Surface Choke		1"									
Size Hook Wall Packer	-		Size Rings		-									
Size D. E. Wall Packer	7 1/4" E.S.W.P.		No. Packers		1									
Size & Length Anchor	4 1/2" x 10' Perf.		PRD Device No.		191		Depth		3696'		Blanked Off		Yes	
REMARKS: Tool opened with a strong blow that continued throughout the test. Recovered 1460' of salt water.														
Total														
Witnessed By P. L. Miller														
Tester M. W. Unruh														
Date 5-13-54														
Ticket No. 71838														
HOWCO DISTRICT Pratt														
Kind of Job Open Hole														
Price \$215.00														
Second Packer Assembly -														
Safety Joint -														
Extra Folder Charge -														
Jars -														
Total \$215.00														
Witnessed By P. L. Miller														
Tester M. W. Unruh														
Amount of Cushion None														
All depths measured from 1424' Derrick Floor														
No. Folders Reproduced 5														

TIME



PRESSURE

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

NEWKIRK

1

3

GULF OIL CORPORATION

#6 KANSAS

LEASE

WELL NO.

TEST NO.

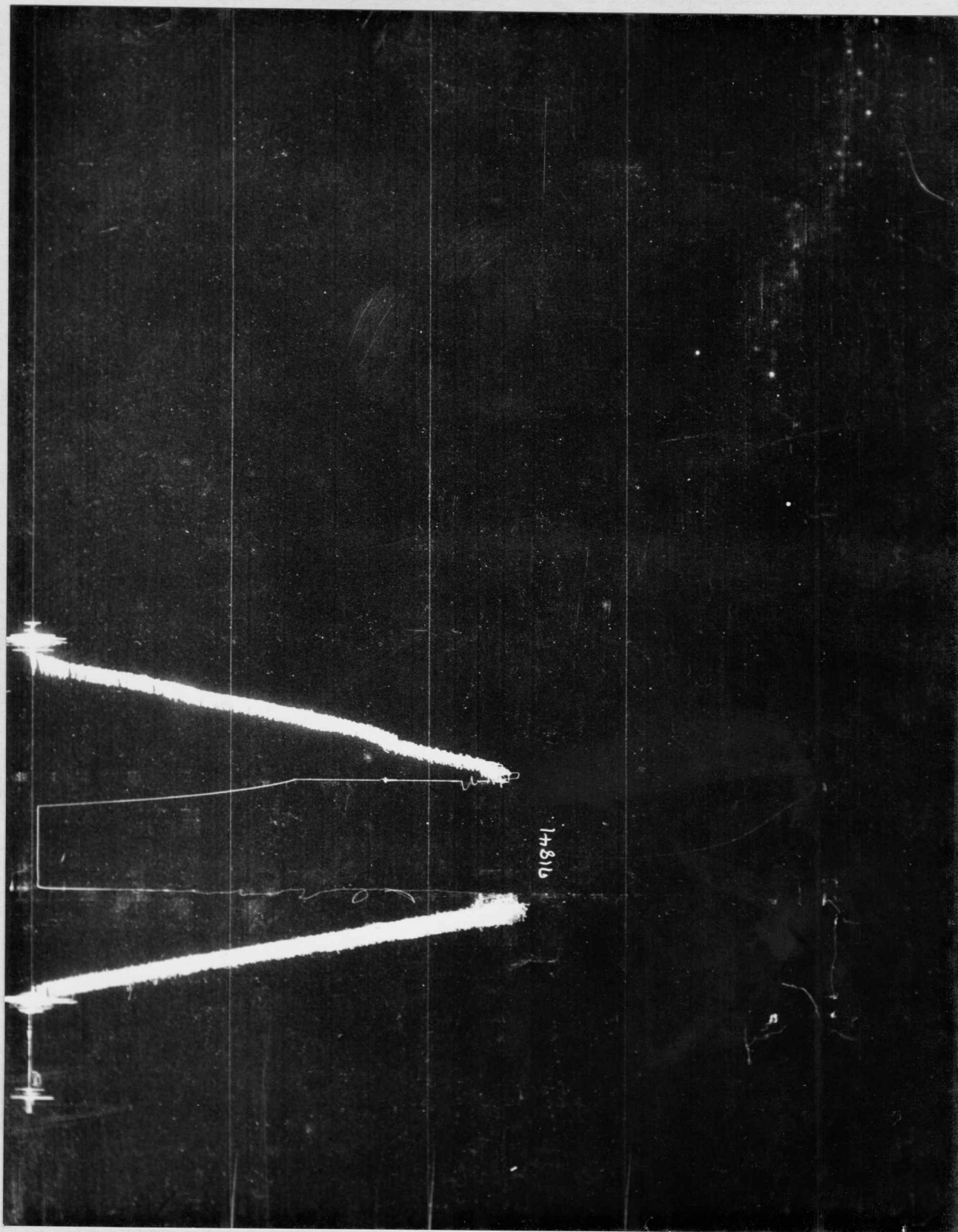
COMPANY

DISTRICT

LOCATION	17-33S-11W		
FIELD	Boyd		
COUNTY	Barber		
STATE	Kansas		
CONTRACTOR	Barbour Drilling Co.		
MUD DATA			
Kind	Starch		
Weight	10	lbs.-gal.	
Viscosity	40	Sec.	
Filter Loss	8	c. c. Filter Cake	2/32 in.
Est. Gauge Depth Temp.	110	F°	
Time Tool Open	45 Minutes		
Time Closed In	15 Minutes		
Depth BT. Gauge	4467'	Blanked Off	Ft.
BT. PRD. No.	311	Yes	
12	Hr. Clock No.	1794	
Pressure Readings	Field	Office Corrected	
Initial Hydro Mud Pressure		2377	p.s.i.
Initial Flow Pres.		31	p.s.i.
Final Flow Pres.		31	p.s.i.
Closed in Pres.		1321	p.s.i.
Final Hydro Mud Pressure		2364	p.s.i.

				Date	5-19-54
				Ticket No.	71841
				HOWCO DISTRICT	Pratt
				Kind of Job	Open Hole
HOLE AND TOOL DATA				Price	\$215.00
Total Depth	4475'	Casing Perforations	Top - Bottom -	Second Packer Assembly	-
Top Packer Depth	4450'	Bottom Packer Depth	-	Safety Joint	-
Casing or Hole Size	9"	Liner or Rathole Size	-	Extra Folder Charge	-
Formation Tested	Mississippi			Jars	-
Size Drill Pipe	4 1/2" API FH	Size Drill Collars	-	Total	\$215.00
Size Bottom Choke	5/8"	Size Surface Choke	1"	Witnessed By	R. Bachtell
Size Hook Wall Packer	-	Size Rings	-	Tester	M. W. Unruh
Size D. E. Wall Packer	7 1/4" E.S.W.P.	No. Packers	1		
Size & Length Anchor	4 1/2" x 25' Perf.	Blanked Off	Yes		
PRD Device No.	191	Depth	4471'		
REMARKS:				Tool opened with a strong blow throughout the test.	
				Gas to surface in 14 minutes measuring 38,100 cubic feet.	
				Recovered 45' of gas cut drilling mud.	
Amount of Cushion				None	
All depths measured from				1424' Derrick Floor	No. Folders Reproduced
					5

TIME



PRESSURE

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

NEWKIRK

1

4

GULF OIL CORPORATION

#6 KANSAS

LEASE

WELL NO.

TEST NO.

COMPANY

DISTRICT

LOCATION 17-33S-11W

FIELD Boyd

COUNTY Barber

STATE Kansas

CONTRACTOR Barbour Drilling Co.

MUD DATA

Kind Starch

Weight 10.2 lbs.-gal.

Viscosity 41 Sec.

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

Est. Gauge Depth Temp. 110 F°

Time Tool Open 1 Hour

Time Closed In. 20 Minutes

Depth BT. Gauge 4497' Ft.

BT. P.R.D. No. 311 Blanked Off Yes

12 Hr. Clock No. 1794

Pressure Readings Field Office Corrected

Initial Hydro Mud Pressure 2410 p.s.i.

Initial Flow Pres. 61 p.s.i.

Final Flow Pres. 80 p.s.i.

Closed in Pres. 1406 p.s.i.

Final Hydro Mud Pressure 2410 p.s.i.



OIL WELL CEMENTING CO.

HOLE AND TOOL DATA

Total Depth	4505'	Casing Perforations	Top - Bottom -
Top Packer Depth	4475'	Bottom Packer Depth	-
Casing or Hole Size	9"	Liner or Rathole Size	-
Formation Tested	Mississippi		
Size Drill Pipe	4 1/2" API FH	Size Drill Collars	-
Size Bottom Choke	5/8"	Size Surface Choke	1"
Size Hook Wall Packer	-	Size Rings	-
Size D.E. Wall Packer	7 1/4" E.S.W.P.	No. Packers	1
Size & Length Anchor	4 1/2" x 30' Perf.		
PRD Device No.	191	Depth	4501'
		Blanked Off	Yes

REMARKS: Tool opened with a strong blow throughout the test.

Gas to surface in 8 minutes measuring 56,200 cubic feet.

Recovered 205' of gas cut mud slightly oil specked.

Date 5-20-54

Ticket No. 71842

HOWCO DISTRICT Pratt

Kind of Job Open Hole

Price \$215.00

Second Packer Assembly -

Safety Joint -

Extra Folder Charge -

Jars -

Total \$215.00

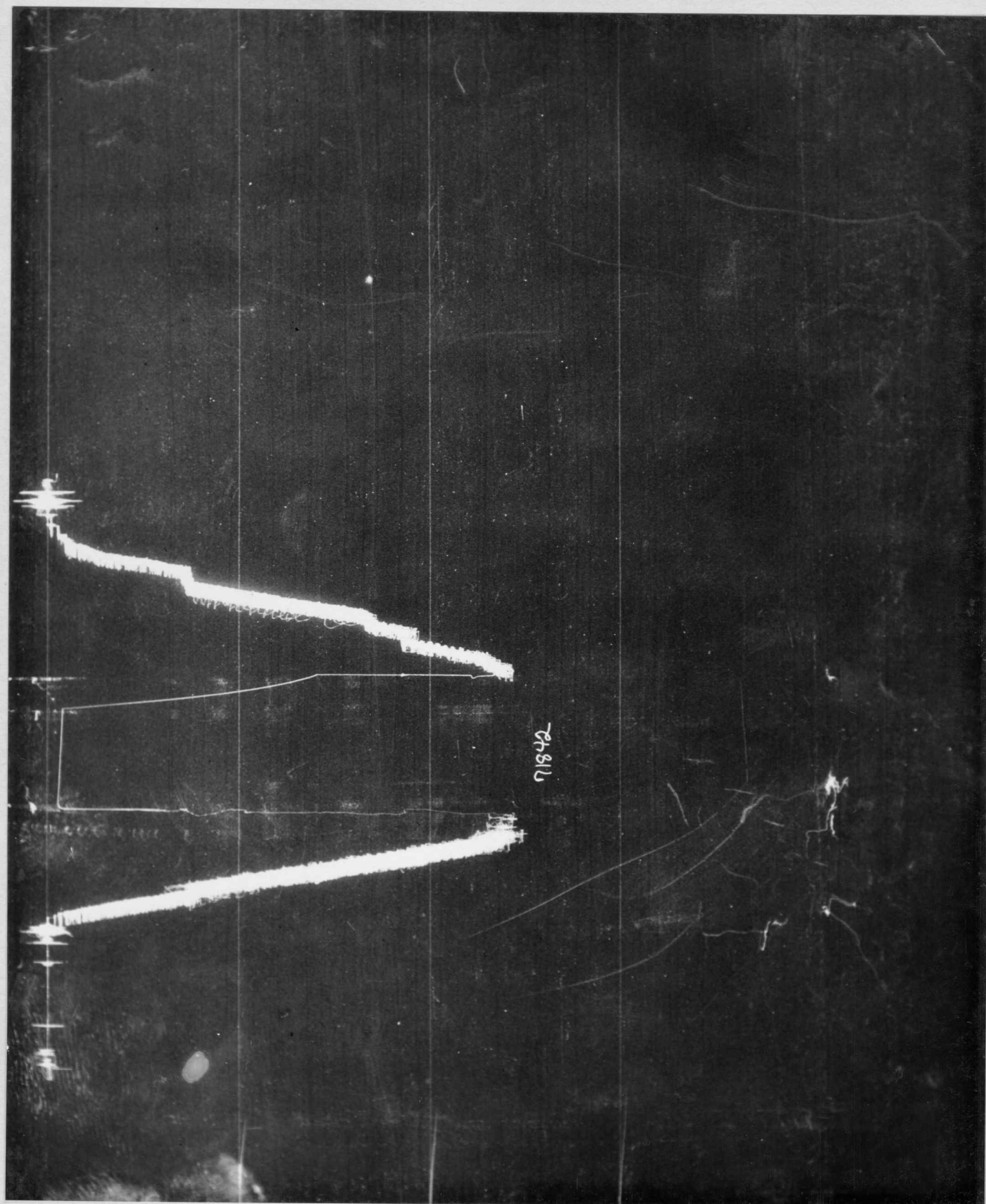
Witnessed By R. Bachtell

Tester M. W. Unruh

Amount of Cushion None All depths measured from 1424' Derrick Floor

No. Folders Reproduced 5

TIME



PRESSURE

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

LOCATION	17-33S-11W
FIELD	Boyd
COUNTY	Barber
STATE	Kansas
CONTRACTOR	Barbour Drilling Co.
MUD DATA	
Kind	Starch
Weight	10 lbs.-gal.
Viscosity	42 Sec.
Filter Loss	6.8 c. c. Filter Cake
Est. Gauge Depth Temp.	110 F°
Time Tool Open	45 Minutes
Time Closed In.	15 Minutes
Depth BT. Gauge	4526' Blanked Off
BT. P.R.D. No.	376 Yes
Hr. Clock No.	922
Pressure Readings	Field Office Corrected
Initial Hydro Mud Pressure	2437 p.s.i.
Initial Flow Pres.	74 p.s.i.
Final Flow Pres.	103 p.s.i.
Closed in Pres.	410 p.s.i.
Final Hydro Mud Pressure	2405 p.s.i.

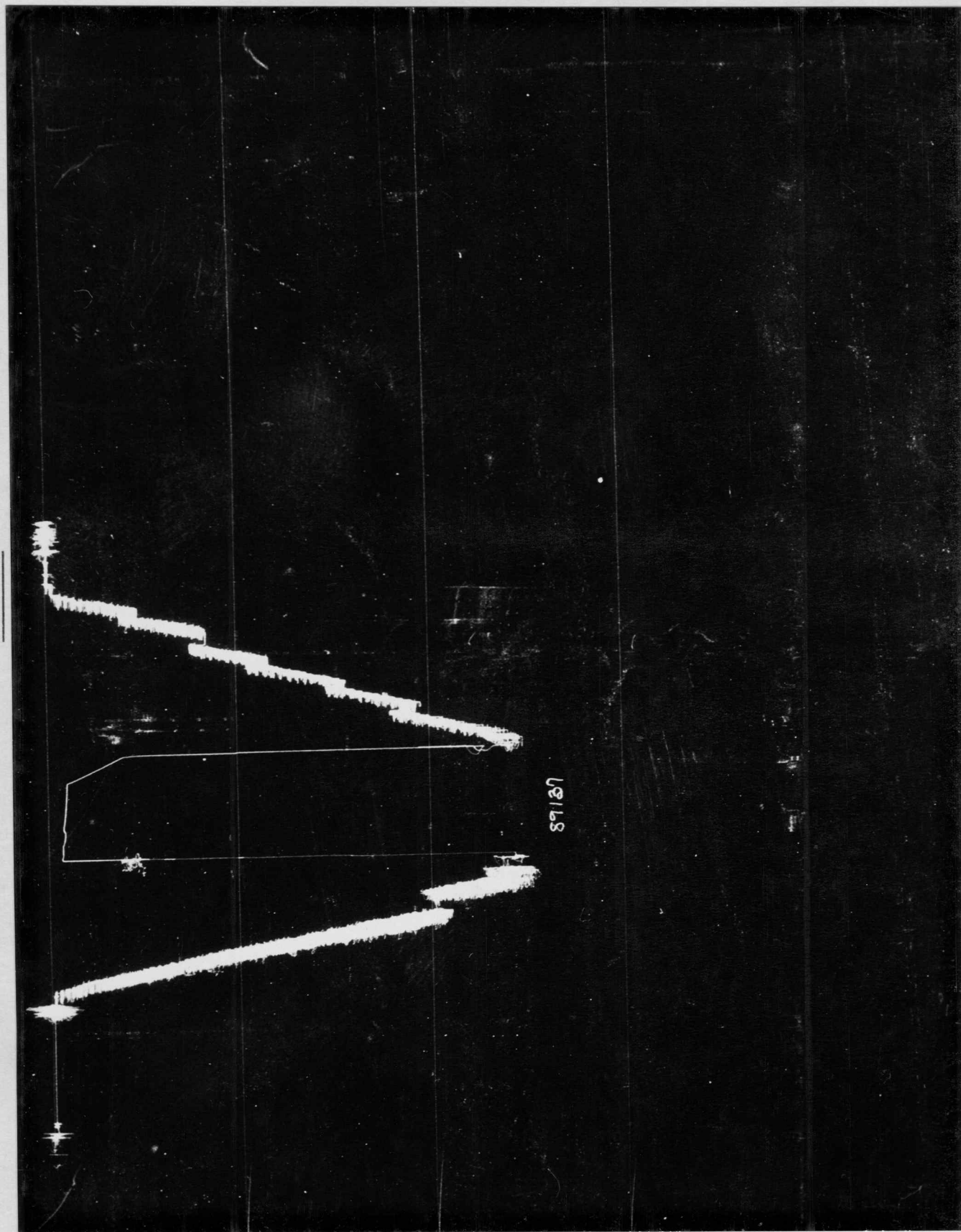
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OIL WELL CEMENTING CO.

HOLE AND TOOL DATA			
Total Depth	4535'	Casing Perforations	Top Bottom -
Top Packer Depth	4505'	Bottom Packer Depth	-
Casing or Hole Size	9"	Liner or Rathole Size	-
Formation Tested	Mississippi		
Size Drill Pipe	4 1/2" API FH	Size Drill Collars	5 3/4" x 118.02'
Size Bottom Choke	5/8"	Size Surface Choke	1 1/2"
Size Hook Wall Packer	-	Size Rings	-
Size D. E. Wall Packer	7 1/4"	No. Packers	1
Size & Length Anchor	5" x 30'		
PRD Device No.	1864	Depth	4530' Blanked Off
REMARKS:		Tool opened with a strong blow. Gas to surface in 32 minutes, measuring 15,400 cubic feet per day. Recovered 215' of heavily oil & gas cut mud.	

Date	5-20-54
Ticket No.	89137
HOWCO DISTRICT	Pratt
Kind of Job	Open Hole
Price	\$215.00
Second Packer Assembly	-
Safety Joint	-
Extra Folder Charge	-
Jars	-
Total	\$215.00
Witnessed By	R. G. Bachtell
Tester	L. A. Dugan

No. Folders Reproduced	5
Floor	Derrick
All depths measured from	1424'
Amount of Cushion	None

TIME



PRESSURE

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

NEWKIRK

LEASE

1

WELL NO.

6

TEST NO.

GULF OIL CORPORATION

COMPANY

#6 KANSAS

DISTRICT



OIL WELL CEMENTING CO.

LOCATION 17-33S-11W

FIELD Boyd

COUNTY Barber

STATE Kansas

CONTRACTOR Barbour Drilling Co.

MUD DATA

Kind Starch

Weight 10 lbs.-gal.

Viscosity 41 Sec.

Filter Loss 5.8 c. c. Filter Cake 2/32 in.

Est. Gauge Depth Temp. 125 F°

Time Tool Open 30 Minutes

Time Closed In. 20 Minutes

Depth BT. Gauge 4792' Ft.

BT. P.R.D. No. 311 Blanked Off Yes

12 Hr. Clock No. 1794

Pressure Readings Field Office Corrected

Initial Hydro Mud Pressure 2551 p.s.i.

Initial Flow Pres. 19 p.s.i.

Final Flow Pres. 19 p.s.i.

Closed in Pres. 20 p.s.i.

Final Hydro Mud Pressure 2525 p.s.i.

HOLE AND TOOL DATA

Total Depth	4800'	Casing Perforations	Top - Bottom -
Top Packer Depth	4781'	Bottom Packer Depth	-
Casing or Hole Size	9"	Liner or Rathole Size	-
Formation Tested	Viola		
Size Drill Pipe	4 1/2" API FH	Size Drill Collars	-
Size Bottom Choke	5/8"	Size Surface Choke	1"
Size Hook Wall Packer	-	Size Rings	-
Size D.E. Wall Packer	7 1/4" E.S.W.P.	No. Packers	1
Size & Length Anchor	4 1/2" x 19' Perf.		
PRD Device No.	191	Depth	4796'
		Blanked Off	Yes

REMARKS: Tool opened with a very weak blow for 16 minutes

& a trace for 3 minutes. Recovered 12' of drilling

mud.

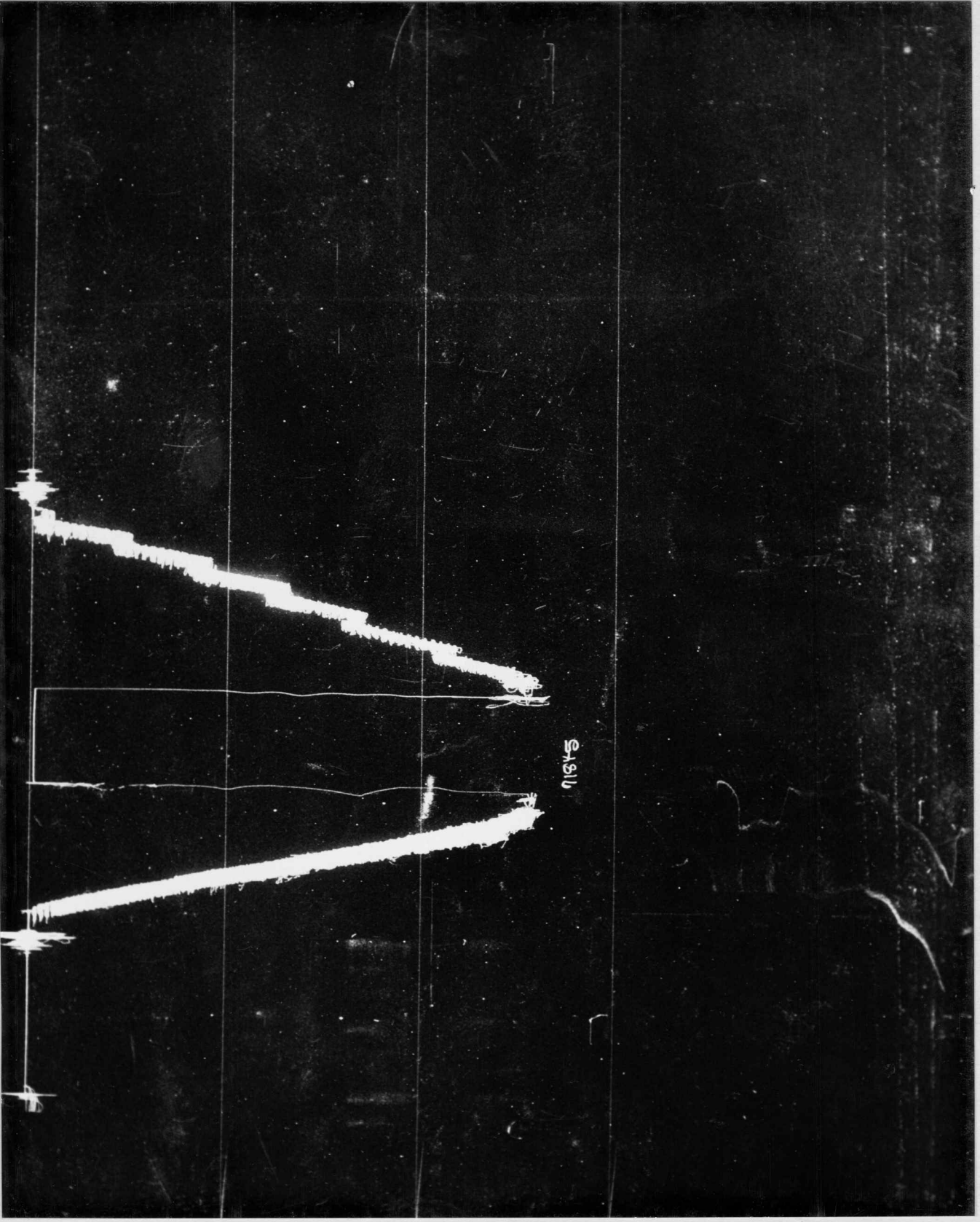
Total \$215.00

Witnessed By R. Bachtell

Tester M. W. Unruh

Amount of Cushion None All depths measured from 1424' Derrick Floor

No. Folders
Reproduced 5



TIME

PRESSURE

SPLIT

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

NEWKIRK

LEASE

1

WELL NO.

7

TEST NO.

GULF OIL CORPORATION

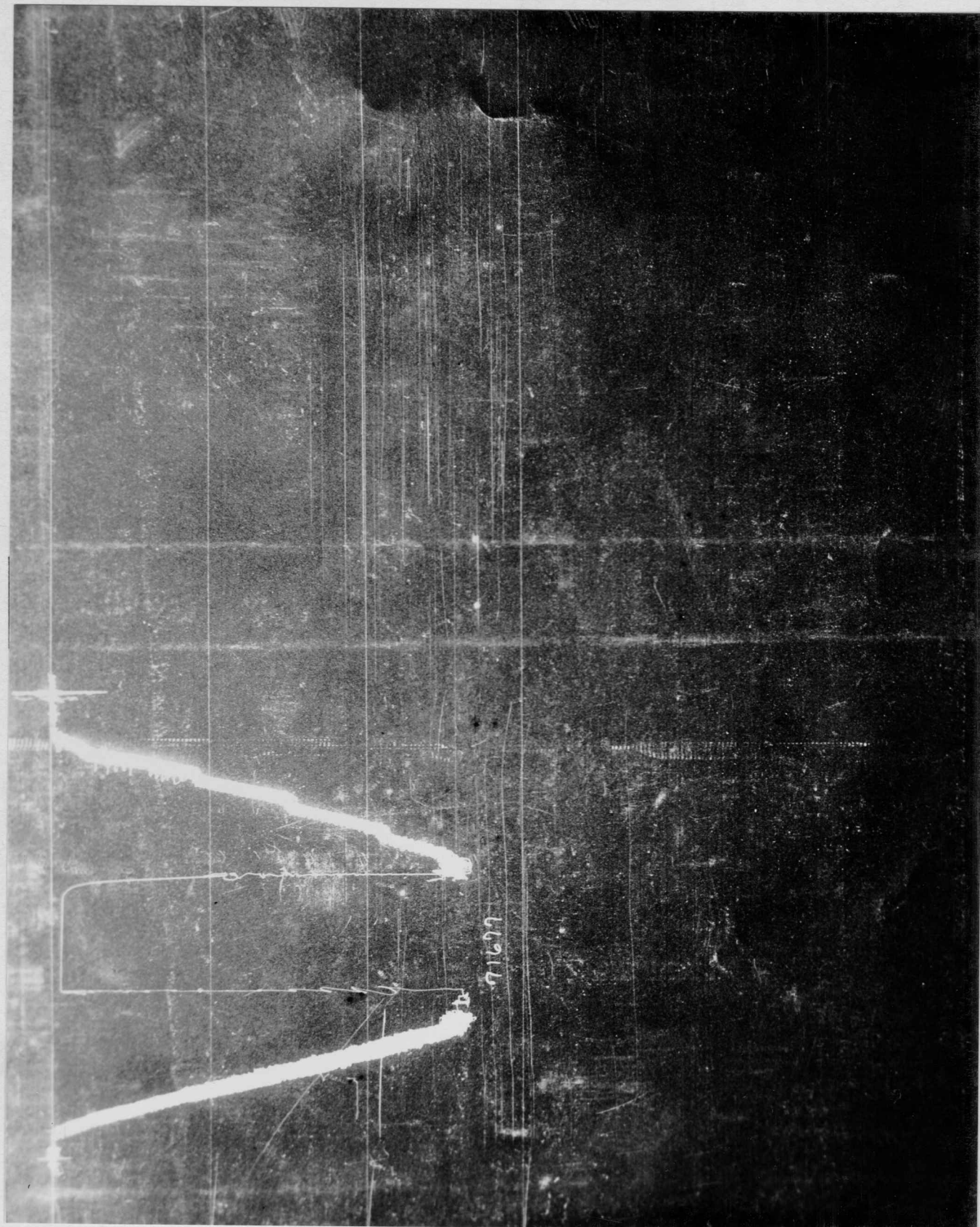
COMPANY

#6 KANSAS

DISTRICT

LOCATION	17-33S-11W		 OIL WELL CEMENTING CO.		Date	5-25-54	
FIELD	Boyd				Ticket No.	71677	
COUNTY	Barber				HOWCO DISTRICT	Pratt	
STATE	Kansas				Kind of Job	Open Hole	
CONTRACTOR	Barbour Drlg. Co.		HOLE AND TOOL DATA			Price	\$215.00
	MUD DATA		Total Depth	4855'	Casing Perforations	Top -	Bottom -
Kind	Starch		Top Packer Depth	4800'	Bottom Packer Depth	-	-
Weight	10 lbs.-gal.		Casing or Hole Size	9"	Liner or Rathole Size	-	-
Viscosity	41		Formation Tested	Viola		Safety Joint	-
Filter Loss	5.8	c. c. Filter Cake	Size Drill Pipe	4 1/2" API FH	Size Drill Collars	5 3/4"	-
Est. Gauge Depth Temp.	125	F°	Size Bottom Choke	5/8"	Size Surface Choke	1/4"	-
Time Tool Open	45 Minutes		Size Hook Wall Packer	-	Size Rings	-	No. Rings
Time Closed In	15 Minutes		Size D. E. Wall Packer	7 1/2" E.S.W.P.	No. Packers	1	-
Depth BT. Gauge	4850'	Ft.	Size & Length Anchor	5" x 55' F.J. Perf.	Blanked Off		
BT. P.R.D. No.	210	Yes	PRD Device No.	1789	Depth	4850'	Yes
12 Hr. Clock No.			REMARKS:				
2413			Tool opened with a weak blow for 30 minutes				
Pressure Readings			and then dead for 15 minutes. Recovered 55' of drilling mud.				
Initial Hydro Mud Pressure			2614 psi.				
Initial Flow Pres.			60 psi.				
Final Flow Pres.			70 psi.				
Closed in Pres.			1095 psi.				
Final Hydro Mud Pressure			2592 psi.				
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.